

20011212.qrp v02_n403.qrl.20011212

Date: Wed, 12 Dec 2001 19:03:16 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2403

QRP-L Digest 2403

Topics covered in this issue include:

- 1) [114530] Re:
by "Jimmy" <ke4bf@hiwaay.net>
- 2) [114531] RE: Vintage QRP
by Nick Kennedy <nkennedy@tcainternet.com>
- 3) [114532] 1W Tuna Tin 2
by mike <mike@kd0ar.homeip.net>
- 4) [114533] Re: 1W Tuna Tin 2
by mike <mike@kd0ar.homeip.net>
- 5) [114534] RE: SWR Question
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [114535] Re: Grid Leak (s)
by George Franklin <w0av@juno.com>
- 7) [114536] HB - hetrodyne vxo rig
by "Harry Hurst" <wa3ptg@home.com>
- 8) [114537] Truffle Hunt this evening
by "Tom" <n1tp@worldnet.att.net>
- 9) [114538] QRP Homebrewer Sprint - Awards and Prizes
by Ken Newman <N2CQ@dandy.net>
- 10) [114539] Re: Truffle Hunt this evening
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 11) [114540] 2n2-40+ - super close ups
by John Wagner <john@wagner-usa.net>
- 12) [114541] Re:
by "Lee Mairs" <lmairs@cox.rr.com>
- 13) [114542] Re: Truffle Hunt this evening
by "Trevor Jacobs" <fxtech@earthlink.net>
- 14) [114543] Re: Grid Leak (s)
by "Mark M." <markem@cervnet.com>
- 15) [114544] Re: Truffle Hunt this evening
by Fred Lesnick <flesnick@tbaytel.net>
- 16) [114545] Re:
by Chris Trask <ctrask@primenet.com>
- 17) [114546] FOX: Cub Hunt
by "Tom" <n1tp@worldnet.att.net>
- 18) [114547] W.A.S. 2x QRP CW
by "tmyers" <tmyers@AcademicPlanet.com>
- 19) [114548] Re: FOX: Cub Hunt

by Fred Lesnick <flesnick@tbaytel.net>
20) [114549] Re: FOX: Cub Hunt
by "Karl F. Larsen" <k5di@zianet.com>
21) [114550] Where is the CUB?
by "Karl F. Larsen" <k5di@zianet.com>
22) [114551] Now hearing Da Fox
by Fred Lesnick <flesnick@tbaytel.net>
23) [114552] Re: FOX: Cub Hunt
by "Mike WA8BXN" <hubby2k@hotmail.com>
24) [114553] Re: Now hearing Da Fox
by Jim Campbell <jim-c@nc.rr.com>
25) [114554] Fox: AG0T Cub Fox
by "Tom" <n1tp@worldnet.att.net>
26) [114555] Re: [QFOX] Now hearing Da Fox
by "Karl F. Larsen" <k5di@zianet.com>
27) [114556] Re: [QFOX] Now hearing Da Fox
by Fred Lesnick <flesnick@tbaytel.net>
28) [114557] Re: Fox: AG0T Cub Fox
by Fred Lesnick <flesnick@tbaytel.net>
29) [114558] Re: [QFOX] Now hearing Da Fox
by "Tom" <n1tp@worldnet.att.net>
30) [114559] Re: Fox: AG0T Cub Fox
by "Karl F. Larsen" <k5di@zianet.com>
31) [114560] Re: Fox: AG0T Cub Fox
by "Tom" <n1tp@worldnet.att.net>
32) [114561] Re: Fox: AG0T Cub Fox
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
33) [114562] Anzac MLLF-3 Mixer & MWA-0304 MMIC
by "Ed Tanton" <n4xy@att.net>
34) [114563] Re: Fox: AG0T Cub Fox
by "Tom" <n1tp@worldnet.att.net>
35) [114564] Re: MI QRP Net Tonight 9:00 PM Eastern Time 3.535 MHz
by Fred Lesnick <flesnick@tbaytel.net>
36) [114565] Fox: AG0T Cub Fox
by Doc <70511.3041@compuserve.com>
37) [114566] Re: Fox: AG0T Cub Fox
by "Karl F. Larsen" <k5di@zianet.com>
38) [114567] Re: Fox: AG0T Cub Fox
by "Karl F. Larsen" <k5di@zianet.com>
39) [114568] Re: Fox: AG0T Cub Fox
by "Tom" <n1tp@worldnet.att.net>
40) [114569] Re: Grid Leak (s)
by George Franklin <w0av@juno.com>
41) [114570] Made a Contact!
by "Karl F. Larsen" <k5di@zianet.com>
42) [114571] FOX: Cub AG0T
by "Tom" <n1tp@worldnet.att.net>
43) [114572] Re: MI QRP Net Tonight ...

by "ss lyon" <sslyon@megalink.net>
44) [114573] RE:
by Mark Schoonover <schoon@amgt.com>
45) [114574] Re:
by "Trevor Jacobs" <fxtech@earthlink.net>
46) [114575] CUB Fox Hunt
by "Karl F. Larsen" <k5di@zianet.com>
47) [114576] Re: AGOT Cub Fox
by "Rod N0RC" <rod@n0rc.com>
48) [114577] Re: AGOT Cub Fox
by Doc <70511.3041@compuserve.com>
49) [114578] CUB Fox Hunt
by Doc <70511.3041@compuserve.com>
50) [114579] FOX: AGOT Cub
by "Tom" <n1tp@worldnet.att.net>
51) [114580] How Unsubscribe 1000MP reflector?
by Doc <70511.3041@compuserve.com>
52) [114581] Re: Spark Gap transmission
by Donn Kuse <casey.jay@gte.net>
53) [114582] Re: Fox: AGOT Cub Fox
by "Karl F. Larsen" <k5di@zianet.com>
54) [114583] Re: AGOT Cub
by "Rod N0RC" <rod@n0rc.com>
55) [114584] Re: QRP-L digest 2402
by Monty N5FC <n5fc@io.com>
56) [114585] Re: Truffle Hunt this evening
by Bruce Rattray <rattray@gpfn.sk.ca>
57) [114586] Re: [QFOX] Now hearing Da Fox
by Bruce Rattray <rattray@gpfn.sk.ca>
58) [114587] Cub Fox Early Report
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
59) [114588] FOX: FP Truffle for 12/12 UTC
by "Dave WR50" <dendav@dzdn.com>
60) [114589] TT2 to TT2 FUN
by Pete Burbank <plburbank@kih.net>
61) [114590] Holiday Milliwatt CW Contest
by Jim Larsen AL7FS <AL7FS@ARRL.NET>
62) [114591] Cub Fox Preliminary Log -- Take 2
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
63) [114592] Re: CUB Fox Hunt
by Pete Burbank <plburbank@kih.net>
64) [114593] Unknown Microwave relay
by "Mike Newman" <mnewman@clear.net.nz>
65) [114594] Re: SWR Question
by "Dennis Ponsness" <wb0wao@hotmail.com>
66) [114595] RE: Stinger Singer to 500mw / 7040
by "Adrian Weiss" <aweiss@usd.edu>
67) [114596] Re: Unknown Microwave relay

by "Trevor Jacobs" <fxtech@earthlink.net>
68) [114597] FOX: FINAL FINAL - W8KC Foxhunt Final Log
by "Paul R. Valko" <prvalko@oakland.edu>
69) [114598] Re: 3C24 Glowbug rig
by Bruce Muscolino <w6toy@erols.com>
70) [114599] Re: FP Truffle for 12/12 UTC
by "Tom" <n1tp@worldnet.att.net>
71) [114600] Re: Dream Catcher antenna (= modified G2BZQ) (long)
by "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
72) [114601] Re: 3C24 Glowbug rig
by W2AGN <w2agn@pobox.com>
73) [114602] Re: SWR Question
by David Hinerman <WD8CIV@worldnet.att.net>
74) [114603] The HR magazine 40m transceiver has been collocated!
by Nils R Young <nilsbull@juno.com>
75) [114604] Re: CUB Fox Hunt
by "Brian" <brian@iquest.net>
76) [114605] Re: SWR Question
by "Mike Yetsko" <myetsko@insydesw.com>
77) [114606] Re: TT2 to TT2 FUN
by "Steve/n0tu" <n0tu@qsl.net>
78) [114607] Re: SWR Question
by David Hinerman <WD8CIV@worldnet.att.net>
79) [114608] TT2 mod
by mike <mike@kd0ar.homeip.net>
80) [114609] NEQRP Noise Bridge Kit
by Chuck Ludinsky <cjl@mitre.org>
81) [114610] Great Colorado Snowshoe Run ! ! !
by Roger J Wendell <zeekzilch@juno.com>
82) [114611] Speaking of TT2's
by wb0wao@hotmail.com (Dennis Ponsness)
83) [114612] IRF540's
by "Brian" <brian@iquest.net>
84) [114613] Antennas with wrapped wire.
by Pete Burbank <plburbank@kih.net>
85) [114614] Spark Gap Transmissions: Sounds & Info
by delphinus@brightok.net
86) [114615] Marconi Centenary site
by "Rod N0RC" <rod@n0rc.com>
87) [114616] Re: Speaking of TT2's
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
88) [114617] Re: Speaking of TT2's
by "Rod N0RC" <rod@n0rc.com>
89) [114618] Re: NEQRP Noise Bridge Kit
by "Rod N0RC" <rod@n0rc.com>
90) [114619] Re: NEQRP Noise Bridge Kit
by "Rod N0RC" <rod@n0rc.com>
91) [114620] Re: NEQRP Noise Bridge Kit

- by "Dave Benson" <nn1g@earthlink.net>
- 92) [114621] Wrong URL on the 40m transceiver posting
by Nils R Young <nilsbull@juno.com>
- 93) [114622] Re: Marconi Centenary site
by "G3MFJ" <g3mfj@btinternet.com>
- 94) [114623] Re: Wrong URL on the 40m transceiver posting
by "Rod N0RC" <rod@n0rc.com>
- 95) [114624] Re: Wrong URL on the 40m transceiver posting
by David Hinerman <WD8CIV@worldnet.att.net>
- 96) [114625] Re: 3C24 Glowbug rig
by Bruce Muscolino <w6toy@erols.com>
- 97) [114626] Re: Anzac MLLF-3 Mixer & MWA-0304 MMIC
by Chris Trask <ctrask@primenet.com>
- 98) [114627] Re: NEQRP Noise Bridge Kit
by "Karl F. Larsen" <k5di@zianet.com>
- 99) [114628] Re: Speaking of TT2's
by Bruce Muscolino <w6toy@erols.com>
- 100) [114629] Marconi events
by "Rod N0RC" <rod@n0rc.com>
- 101) [114630] QPR Tubes Rock (around the clock)!
by Steve Smith <sigcom@juno.com>
- 102) [114631] Spark Rigs...words from an OT
by Doug <doug@ycsi.net>
- 103) [114632] Re: Speaking of TT2's
by "Chuck Carpenter" <w5usj@globeco.net>
- 104) [114633] Ferrit rod antennas
by "Ingo, DK3RED" <dk3red@t-online.de>
- 105) [114634] Re: Vintage QRP
by Mike <mmorrow@companet.net>
- 106) [114635] Re: Ferrit rod antennas
by "w8diz" <w8diz@fpqrp.com>
- 107) [114636] QRP Tube Availability - 5763
by K5KW@aol.com
- 108) [114637] ANZAC MLLF-3 * MWA-0304 info
by "Paul Harden, NA5N" <na5n@rt66.com>
- 109) [114638] RE: Ferrit rod antennas
by "Tracy Markham" <tracy@bytemark.com>
- 110) [114639] Re: Ferrit rod antennas
by "Leon Heller" <leon_heller@hotmail.com>
- 111) [114640] NE Noise Bridge Kit
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 112) [114641] Vintage QRP
by W6cjpg@aol.com
- 113) [114642] Re: QPR Tubes Rock (around the clock)!
by David Hinerman <WD8CIV@worldnet.att.net>
- 114) [114643]
by Steven Weber <kd1jv@moose.ncia.net>
- 115) [114644] Re: Dream Catcher antenna (= modified G2BZQ) (long)

by Steven Weber <kd1jv@moose.ncia.net>
116) [114645] Re: QRP Tube Availability - 5763
by William R Colbert <w5xe@juno.com>
117) [114646] Re: TT2 to TT2 FUN
by Pete Burbank <plburbank@kih.net>
118) [114647] Re: QRP Tubes Rock (around the clock)!
by Steve Smith <sigcom@juno.com>
119) [114648] Re: Vintage QRP
by "Brice D. Hornback" <bdh@cyberbound.net>
120) [114649] Re: 3C24 Glowbug rig
by "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
121) [114650] K6KPH Happy Dance
by "Rod N0RC" <rod@n0rc.com>
122) [114651] Re: QRP Tube Availability - 5763
by "Brad Hernlem" <alihernlem@hotmail.com>

Date: Tue, 11 Dec 2001 18:16:58 -0600
From: "Jimmy" <ke4bf@hiwaay.net>
To: <n4rs@netpath-rc.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [114530] Re:
Message-ID: <002101c182a2\$5461e860\$1750b4d8@brenda>

I got a bunch of these! Wonder if I can get two bucks apiece for them?

de Jim KE4BF
----- Original Message -----
From: Tom Pennebaker <n4rs@netpath-rc.net>
To: Low Power Amateur Radio Discussion <>
Sent: Tuesday, December 11, 2001 4:55 PM

> I thought I had seen it all...Someone tell me it ain't so.....
>
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1305131228>
>

Date: Tue, 11 Dec 2001 18:43:29 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114531] RE: Vintage QRP

Message-ID: <01C18273.BAC35D20.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Good stories, Bill. Sometimse "failure stories" are as interesting as the success variety. (But only in hindsight, eh?)

I started with a single tube 6146 transmitter from the '57 handbook built by my mentor. Unfortunately, he didn't keep close enough tabs on me and I had an extremely frustrating novice year (age 13/14), managing 7 QSOs. I think the real problem was the end fed random wire ~18 feet up.

But when I borrowed a DX-40 and put up that folded dipole, it was heaven. (Coax was a rarity back then but TV twin lead was available.)

Much later (25 years) I decided to try that 6146 TX again. Got a copy of the article from the '57 handbook and built one. At first it wouldn't put out anything. Experimenting, I took the RF choke out of the plate lead.

Pressed the key and SET OFF THE CAR ALARM! Success. At least I was getting out on UHF if not on 40 meters. Finally did get it to work, and in a peculiar attempt at taking revenge on my own history, worked 10 times my novice total in one day. (It was a contest.) But never did fix a slow starting problem on 80 meters that made it impossible to key over about 15 WPM and be understood. Whoop-whoooooop!

Another misadventure--a friend up the road was getting his license and building a Heathkit GR-91 receiver. Being the older more experienced guy (my 15 years to his 14), I helped him do it. We never did get that darn thing to work. Thirty-five years later, it's still out in WI7N's (ex-WA5IZR) garage somewhere in Oregon, awaiting final repairs.

72--Nick, WA5BDU

-----Original Message-----

From: Bill Coleman [SMTP:aa4lr@arrl.net]

Back when I was a pre-Novice, a fellow ham tried to convince me to build my first transmitter. He even gave me some parts. I worked on this a while, but my 6DQ6 final tube kept arcing over internally.

...

I wasn't happy with the power output (probably 800 mW, I was expecting 5 watts), and the spectral purity worried me. When I tried to tune the output stage, it would often break into oscillation.

The receiver was a direct-conversion design take from a different magazine article. I never could get a peep out of it. I suspect it had something to do with the way I was biasing the op-amp stages.

... I don't think I was ever happy with the results -- I think the power supply wasn't up to it, and I couldn't get enough drive.

Date: Tue, 11 Dec 2001 19:43:24 -0500
From: mike <mike@kd0ar.homeip.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114532] 1W Tuna Tin 2
Message-ID: <3C16A82C.319A8BF0@kd0ar.homeip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Was playing with a circuit I found, and added 2 diodes and 1 capacitor to my TT2 PA. Ramped the input voltage up to 15V and am now getting 1W from a PLASTIC 2n2222 and its barely warm to the touch. a 4X power increase and...

did some measurements.

$E_c = 15V$

$I_c = .75$

$P_o = 1.0W$

$P_D = .125W$

Collector Efficiency = .89%

Looked at the output on an oscilloscope, I see a pure sine wave at the output of the LPF. The collector with the LPF disconnected shows a nice square wave.

This is an extension of the class E amplifier I was working on last spring. I did get that amplifier working at 96% efficiency on 30 meters, but it is running at about 10W out with 12.6V applied. The TT2 mod is an attempt to construct a very high efficiency amplifier that will run QRP power levels. Results are promising.

As soon as 7040 quiets down a little, I'll put it on the air. In the meantime, I'm listening there with the transmitter at the ready.

Mike, kd0ar

Date: Tue, 11 Dec 2001 19:45:47 -0500
From: mike <mike@kd0ar.homeip.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114533] Re: 1W Tuna Tin 2
Message-ID: <3C16A8BB.4C87E782@kd0ar.homeip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mike wrote:

> Was playing with a circuit I found, and added 2 diodes and 1 capacitor
> to my TT2 PA. Ramped the input voltage up to 15V and am now getting 1W
> from a PLASTIC 2n2222 and its barely warm to the touch. a 4X power
> increase and...
> did some measurements.
> $E_c = 15V$
> $I_c = .075A$
> $P_o = 1.0W$
> $P_D = .125W$
> Collector Efficiency= .89%
> oops, error on collector current.

>
> Looked at the output on an oscilloscope, I see a pure sine wave at the
> output of the LPF. The collector with the LPF disconnected shows a nice
> square wave.
>
> This is an extension of the class E amplifier I was working on last
> spring. I did get that amplifier working at 96% efficiency on 30
> meters, but it is running at about 10W out with 12.6V applied. The TT2
> mod is an attempt to construct a very high efficiency amplifier that
> will run QRP power levels. Results are promising.
>
> As soon as 7040 quiets down a little, I'll put it on the air. In the
> meantime, I'm listening there with the transmitter at the ready.
>
> Mike, kd0ar

Date: Tue, 11 Dec 2001 18:53:47 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>

Subject: [114534] RE: SWR Question
Message-ID: <01C18275.2AB56500.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Interesting puzzle. I agree with Bill that spurs shouldn't be an issue.
And power could be.

Regarding power--I usta run a Corsair with about 70 watts or so output.
Then I went to a FT-1000 that could put out 200. The SWR on a very
troublesome A3 dropped quite a bit. My theory was that maybe the higher
power level was able to bust through some oxidation in the joints. When I
assembled this particular antenna, I hadn't really taken the trouble to
clean the aluminum and apply the protective stuff.

Here's a suggestion for the original poster. You got identical results
with a 50 ohm dummy load. Try a 75 ohm or similar (33 ohms). If you have
two dummy loads, put them in series or parallel (2:1 SWR either way). Then
if you get identical readings with the two transmitters, I'd suspect maybe
something in the antenna is non-linear with power.

Regarding the suggestion that it's the output impedance of the transmitter
... I don't think that should matter. SWR is a function of the line and
load Zs. But we do know that simple SWR bridges can be fooled. I just
don't know if transmitter output impedance would contribute to that
problem.

72--Nick, WA5BDU

-----Original Message-----

From: Bill Coleman [SMTP:aa4lr@arrl.net]
Sent: Tuesday, December 11, 2001 1:54 PM
To: Low Power Amateur Radio Discussion
Subject: Re: SWR Question

On 12/11/01 1:09 PM, n7dma@mindspring.com at n7dma@mindspring.com wrote:

>As was pointed out to me, what I may be seeing is the result of differing
>levels of spurious emissions from the two rigs; just a difference of the
>spectral purity and output networks between the rigs. Even if they meet
>regs, I guess all transmitters have a little noise on the outputs. Sounds
>reasonable to me. How 'bout y'all?

Nope. The out-of-band spectral products ought to be perhaps 1 in 100 of
the output of the signal. It shouldn't be possible to move the SWR from
1:1 to 1.5:1 on that alone.

Question: are you running your FT-840 at 100 watts, and the K1 and a couple of watts?

What sort of SWR readings do you get on each at the same power levels?

It could be that your SWR bridge gets inaccurate and high or low power levels.

What kind of SWR bridge is it? The old monimatch-type can give really poor results.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 11 Dec 2001 19:12:19 -0600
From: George Franklin <w0av@juno.com>
To: ke4bf@hiwaay.net
Cc: qrp-1@Lehigh.EDU
Subject: [114535] Re: Grid Leak (s)
Message-ID: <20011211.191220.-1739637.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You know what the catch is?

No pan to put under the grid leak.

72 de George/W0AV

Date: Tue, 11 Dec 2001 20:14:16 -0500
From: "Harry Hurst" <wa3ptg@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114536] HB - hetrodyne vxo rig
Message-ID: <000b01c182aa\$5a3a35a0\$0400a8c0@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Worked out a few more kinks on the transmitter project this evening. The

rig tunes 7028-7055 KHz, and puts out 750 mW. Only smoked 2 transistors building this one. The transmitter uses parallel 11.04 MHz crystals in a vxo *lightly* feeding an NE602 with a 4 MHz. crystal. This is followed by 3 PN2222As and a 2N2219A final. Love those 25 cent finals. Correct me if I'm wrong, but isn't the 2N2219A a 2N2222A in a TO-39 case??

Now that it's working, it seems to be a lot of effort for 30 KHz coverage, but I had a ball putting it together. All that's left is attending to the keying circuit, and boxing it up. Thanks to all on the list who helped me over the rough spots.

As soon as the MC1350s and the WA60TP PTO kits come in, I'll build another NE602 receiver, this time one that ain't deaf.

Also ordered a couple of 14060 crystals. Should I run 750 mW up there too, or should I just chicken out and run a couple of watts?

Meltin' solder and burnin' fingers.

72

Hap, WA3PTG

Wilmington DE

Date: Tue, 11 Dec 2001 20:40:06 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114537] Truffle Hunt this evening
Message-ID: <001601c182ad\$ee045920\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did anyone see a posting on this evening's truffle hunt?

Tom, N1TP

Naples, Florida

Date: Tue, 11 Dec 2001 20:43:50 -0500
From: Ken Newman <N2CQ@dandy.net>
To: QRP-L@lehigh.edu, njqrp@njqrp.org, <nq7x@earthlink.net>,

<mail@brucegrubbs.com>, <w1pid@arrl.net>, <stooks@bellsouth.net>,
Subject: [114538] QRP Homebrewer Sprint - Awards and Prizes
Message-ID: <3.0.6.32.20011211204350.00833db0@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Sprinters,

The results, certificates and prizes are available on
<http://www.njqrp.org/qhbsprint/Fall2001/Fall2001QHBsprintresults.html>
George Heron N2APB has produced very attractive certificates for you
to download and print for the shack wall. Check the final standings
and the NJ QRP Club Kit prizes that have been awarded. Thanks for
the entry and put it on the 2002 calendar for Mar 25 0000z - 04000z
(Sunday evening). Hope to see you there!

72 de
Ken Newman - N2CQ == QRP CONTEST CALENDAR ==
Woodbury, NJ <http://www.njqrp.org/data/contesting.html>
FM29jt
N2CQ@ARRL.NET

Date: Wed, 12 Dec 2001 01:50:39
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: n1tp@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [114539] Re: Truffle Hunt this evening
Message-ID: <F10RacUtI9dm5UxP9Fe00000558@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

No sign of a truffle here in Ohio yet

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 11 Dec 2001 20:53:53 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114540] 2n2-40+ - super close ups

Message-ID: <3C16B8B1.256122CA@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I've updated my main 2n2-40 web site at:
<http://www.qsl.net/kb1ens/2n2-40/> with super closeup shots of most
sections of this radio. The closeups are at:
<http://www.qsl.net/kb1ens/2n2-40/closeup.html>

These pics may come in handy for builders of the 2n2-40+ who want to use
the new schematics from Jim, K8IQY that incorporate all the mods to
date.

73 de John, N1QO

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Tue, 11 Dec 2001 20:51:35 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: <ke4bf@hiwaay.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114541] Re:
Message-ID: <008201c182af\$8ab6ad80\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The really good ones are Teflon coated to help the signals slip by...

A man who carries a cat by the tail is getting experience that will always
be
helpful. He isn't likely to grow dim or doubtful. Chances are, he isn't
likely
to carry the cat that way again, either. But if he wants to, I say let him!
--Mark Twain

----- Original Message -----
From: "Jimmy" <ke4bf@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 7:16 PM
Subject: Re:

> I got a bunch of these! Wonder if I can get two bucks apiece for them?
>
> de Jim KE4BF
> ----- Original Message -----
> From: Tom Pennebaker <n4rs@netpath-rc.net>
> To: Low Power Amateur Radio Discussion <>
> Sent: Tuesday, December 11, 2001 4:55 PM
>
>
> > I thought I had seen it all....Someone tell me it ain't so.....
> >
> > <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1305131228>
> >
>
>
>

Date: Tue, 11 Dec 2001 17:52:29 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <n1tp@worldnet.att.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114542] Re: Truffle Hunt this evening
Message-ID: <002a01c182af\$a9e17fa0\$266afc9e@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No, Tom I didn't, and haven't heard anything on the band either...

Trev

----- Original Message -----
From: "Tom" <n1tp@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 5:40 PM
Subject: Truffle Hunt this evening

> Did anyone see a posting on this evening's truffle hunt?
>
> Tom, N1TP

> Naples, Florida

>

>

Date: Tue, 11 Dec 2001 18:53:39
From: "Mark M." <markem@cervnet.com>
To: qrp-l@Lehigh.EDU
Subject: [114543] Re: Grid Leak (s)
Message-ID: <3.0.6.32.20011211185339.00b178d8@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 19:12 12/11/01 -0600, George Franklin wrote:

>You know what the catch is?

>

>No pan to put under the grid leak.

>

Man, that can make a real mess. About as bad as when the bit bucket overflows...

SRI...cudn't resist...

73.... Mark AA7TA

Date: Tue, 11 Dec 2001 20:56:46 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: hubby2k@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114544] Re: Truffle Hunt this evening
Message-ID: <3C16B95E.25392E18@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

7.045.7

Mike WA8BXN wrote:

>

> No sign of a truffle here in Ohio yet

>

> -----

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'-|)__| :. \
| | | | \
c__; c__; '-..'>._

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 11 Dec 2001 21:07:31 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114546] FOX: Cub Hunt
Message-ID: <007001c182b1\$c284f440\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone see a posting re this evening's cub hunt?

Tom, N1TP
Naples, Florida

Date: Tue, 11 Dec 2001 20:06:22 -0600
From: "tmyers" <tmyers@AcademicPlanet.com>
To: "QRP-L Post" <qrp-l@Lehigh.EDU>
Subject: [114547] W.A.S. 2x QRP CW
Message-ID: <002401c182b1\$9a3b89e0\$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need two more states to have it done. I've been at this for two years now and have need WV and DE for about a year and a half now. I don't seem to be lucky enough to catch any of them on the air QRP. I would like to have it completed by the end of 2001.

That said. Is there any one out there on the list that would be willing to setup a sked for a 2xQRP CW QSO from either of these states?

W.A.S. has been harder than DXCC - QRP for me. I did that in less than a year and had more than 100 (108 to be exact).

73s

KQ5U, Terry
Spring, Texas
Near Houston

Date: Tue, 11 Dec 2001 21:09:22 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114548] Re: FOX: Cub Hunt
Message-ID: <3C16BC52.D69CF5CC@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Calling all hounds... Calling all hounds...

From the frozen white prairies of North Dakota, AG0T will rouse from his comfy den to sally forth as your Cub Fox Tuesday night, 12/11, starting at 8:00PM CST (0200Z 12/12 GMT, 9:00PM EST, 7:00PM MST, 6:00PM PST). I shall occupy the field around 7.055 MHz (+/- QRM), and will be working up 1-2+ KHz at the start of the evening's festivities. My exchange will resemble the following:

N1XYZ 559 ND TODD 4W N1XYZ <BK>

If I copy your info OK, I'll send "TU" or "TU DE AG0T FOX", depending on how big the pile is. If I need a fill, I'll send RPT/SPC/NAME/PWR ? <BK>, or "N1XYZ AGN ? <BK>" if I missed the whole shebang. PLEASE NOTE: The *ONLY* time I'll be sending anything with "?" is if I'm asking for a fill.
PLEASE DON'T ALL JUMP IN AT ONCE IF I SEND "?". :-)

I'm going to do my level best to thin the pile early. If you

don't
have RIT or are not equipped to work split, try to spot yourself on the
high
side of my TX as far as you can, and still be able to copy me. I won't
work
any closer to my TX than about 1 KHz until I can thin out the pack. If
you
can't spot yourself that far away, please be patient, and let me clear
the
pile. When things die down, I *will* work closer to my TX, traffic
permitting,
as I want to give everyone a chance at a pelt. Sit back and listen for
me to
start working closer to my TX. If things slow to a crawl later in the
hunt,
and I'm calling CQ FOX to drum up business, I'll take you wherever you
are, but if business picks up, I'll start working up 1+ KHz again.

I'll be running 4W to a Butternut HF-2V vertical from a homebrew
TX.
A vintage R-390A will handle the RX duties. I can (and will) work up
from my
TX as far as I need to, so please spread out. :-) I'll be sending
around 10-15
WPM, but will be happy to slow down for anyone that needs me to. Just
call at
a speed you're comfortable with, and I'll do my best to match it.

So, come one, come all, and get yourself a nice fox pelt to keep
yourself warm on a cold winter night! :-)

72/73,

Todd, AG0T

Tom wrote:

>
> Anyone see a posting re this evening's cub hunt?
>
> Tom, N1TP
> Naples, Florida

Date: Tue, 11 Dec 2001 19:23:02 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>
To: Tom <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114549] Re: FOX: Cub Hunt
Message-ID: <Pine.LNX.4.33.0112111921120.2344-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes I have Tom but have not been able to copy ag0t anywhere on the band.
There are qro guys at 7050 and 7058 but thought I could hear Todd on
7043.2 but he never came back to any calls.

On Tue, 11 Dec 2001, Tom wrote:

> Anyone see a posting re this evening's cub hunt?
>
> Tom, N1TP
> Naples, Florida
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 19:27:10 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [114550] Where is the CUB?
Message-ID: <Pine.LNX.4.33.0112111925150.2344-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been scanning 7052 - 7057 but hear no AG0T Fox. If you can
hear him or not hear him and should please let me know. I will take over
if it looks like he is broke down.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 21:22:20 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "QFOX@egroups.com" <QFOX@egroups.com>, QRPL <qrp-1@Lehigh.EDU>
Subject: [114551] Now hearing Da Fox
Message-ID: <3C16BF5C.46CF658D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Band cdx must be really strange tonight. Barely hearing Todd now at 0215,
oh wait a minute, ok just worked him at 0220.. He is a 559, but not
getting many takers...
He is on 7.054.73, listening up.

Fred
VE3FAL
Normally ND booms, I mean BOOMS into Thunder Bay....

Date: Wed, 12 Dec 2001 02:24:33
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: k5di@zianet.com, qrp-1@Lehigh.EDU
Subject: [114552] Re: FOX: Cub Hunt
Message-ID: <F70b81IfpT8vWyu9kst00000652@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

7054.6 weak in Ohio, not worked yet

>From: "Karl F. Larsen" <k5di@zianet.com>
>Reply-To: k5di@zianet.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: FOX: Cub Hunt
>Date: Tue, 11 Dec 2001 19:23:02 -0700 (MST)
>
>
>Yes I have Tom but have not been able to copy ag0t anywhere on the band.
>There are qro guys at 7050 and 7058 but thought I could hear Todd on
>7043.2 but he never came back to any calls.
>
>On Tue, 11 Dec 2001, Tom wrote:

>
> > Anyone see a posting re this evening's cub hunt?
> >
> > Tom, N1TP
> > Naples, Florida
> >
> >
>
>--
>Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Tue, 11 Dec 2001 21:28:16 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: flesnick@tbaytel.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114553] Re: Now hearing Da Fox
Message-ID: <3C16C0C0.A093308E@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Occasionally hearing a scrap of CW at 7.054.73 in NC, but the foreign
SSB is quite strong here.

Jim
W4BQP

Fred Lesnick wrote:

>
> Band cdx must be really strange tonight. Barely hearing Todd now at 0215,
> oh wait a minute, ok just worked him at 0220..He is a 559, but not
> getting many takers...
> He is on 7.054.73, listening up.
>
> Fred

> VE3FAL
> Normally ND booms, I mean BOOMS into Thunder Bay....

Date: Tue, 11 Dec 2001 21:31:11 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114554] Fox: AG0T Cub Fox
Message-ID: <00c501c182b5\$1110f520\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm not convinced AG0T is on the air because I should at least hear hounds.
I hear neither Fox nor hounds.

Tom, N1TP
Naples, Florida

Date: Tue, 11 Dec 2001 19:35:54 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "QFOX@egroups.com" <QFOX@yahoo.com>
Cc: QRPL <qrp-1@Lehigh.EDU>
Subject: [114555] Re: [QFOX] Now hearing Da Fox
Message-ID: <Pine.LNX.4.33.0112111932160.2384-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well Fred he is not Q2 here in New Mexico now. I cannot copy him with
either my sky warmer dipole or killer vertical.

There was a big flare hit at 0800 this morning. I think the rest just got
here.

On Tue, 11 Dec 2001, Fred Lesnick wrote:

> Band cdx must be really strange tonight. Barely hearing Todd now at 0215,
> oh wait a minute, ok just worked him at 0220..He is a 559, but not
> getting many takers...
> He is on 7.054.73, listening up.

>
> Fred
> VE3FAL
> Normally ND booms, I mean BOOMS into Thunder Bay....
>
> ----- Yahoo! Groups Sponsor ----->
> Break free. Great
> American Smokeout
> <http://us.click.yahoo.com/3vN8tD/.pSDAA/ySSFAA/ELTo1B/TM>
> ----->
>
> To unsubscribe from this group, send an email to:
> QFOX-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 21:31:48 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QFOX@yahoogroups.com
Cc: QRPL <qrp-1@Lehigh.EDU>
Subject: [114556] Re: [QFOX] Now hearing Da Fox
Message-ID: <3C16C194.683DD13B@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heard you calling here in Thunder Bay Karl, you have a 559 signal...

Fred
VE3FAL

"Karl F. Larsen" wrote:

>
> Well Fred he is not Q2 here in New Mexico now. I cannot copy him with

> either my sky warmer dipole or killer vertical.
>
> There was a big flare hit at 0800 this morning. I think the rest just got
> here.
>
> On Tue, 11 Dec 2001, Fred Lesnick wrote:
>
> > Band cdx must be really strange tonight. Barely hearing Todd now at 0215,
> > oh wait a minute, ok just worked him at 0220..He is a 559, but not
> > getting many takers...
> > He is on 7.054.73, listening up.
> >
> > Fred
> > VE3FAL
> > Normally ND booms, I mean BOOMS into Thunder Bay....
> >
> >
> > To unsubscribe from this group, send an email to:
> > QFOX-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
> >
> >
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
> ----- Yahoo! Groups Sponsor ----->
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> ----->
>
> To unsubscribe from this group, send an email to:
> QFOX-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

Date: Tue, 11 Dec 2001 21:35:46 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114557] Re: Fox: AG0T Cub Fox
Message-ID: <3C16C282.854873B@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom:

He is there calling, but no takers, I have heard about 5 hounds all together so far.

Todd, is not getting many takers.

Off to 3535 for the MI QRP Net for a bit.

Fred

VE3FAL

Tom wrote:

>

> I'm not convinced AG0T is on the air because I should at least hear hounds.

> I hear neither Fox nor hounds.

>

> Tom, N1TP

> Naples, Florida

Date: Tue, 11 Dec 2001 21:37:48 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <flesnick@tbaytel.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114558] Re: [QFOX] Now hearing Da Fox
Message-ID: <011001c182b5\$fd4da460\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Earlier I heard VE3FAL in QSO on 7.044.

He was 3 times as loud as I've ever heard him.

I should be able to hear North Dakota.

I hear Doc, K0EVZ every hunt.

I do not believe AG0T is on the air.

Tom, N1TP

Naples, Florida

----- Original Message -----

From: "Fred Lesnick" <flesnick@tbaytel.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 9:31 PM

Subject: Re: [QFOX] Now hearing Da Fox

> Heard you calling here in Thunder Bay Karl, you have a 559 signal...

>

> Fred

> VE3FAL

>

> "Karl F. Larsen" wrote:

> >

> > Well Fred he is not Q2 here in New Mexico now. I cannot copy him with

> > either my sky warmer dipole or killer vertical.

> >

> > There was a big flare hit at 0800 this morning. I think the rest just
got

> > here.

> >

> > On Tue, 11 Dec 2001, Fred Lesnick wrote:

> >

> > > Band cdx must be really strange tonight. Barely hearing Todd now at
0215,

> > > oh wait a minute, ok just worked him at 0220..He is a 559, but not

> > > getting many takers...

> > > He is on 7.054.73, listening up.

> > >

> > > Fred

> > > VE3FAL

> > > Normally ND booms, I mean BOOMS into Thunder Bay....

> > >

> > >

> > > To unsubscribe from this group, send an email to:

> > > QFOX-unsubscribe@egroups.com

> > >

> > >

> > >

> > > Your use of Yahoo! Groups is subject to

<http://docs.yahoo.com/info/terms/>

> > >

> > >

> > >

> >

> > --

> > Yours Truly,

> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
> > ----- Yahoo! Groups Sponsor ----->
> > Tiny Wireless Camera under \$80!
> > Order Now! FREE VCR Commander!
> > Click Here - Only 1 Day Left!
> > <http://us.click.yahoo.com/75YKVC/7.PDAA/ySSFAA/ELTo1B/TM>
> > ----->
> >
> > To unsubscribe from this group, send an email to:
> > QFOX-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
<http://docs.yahoo.com/info/terms/>
>

Date: Tue, 11 Dec 2001 19:44:26 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Tom <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114559] Re: Fox: AG0T Cub Fox
Message-ID: <Pine.LNX.4.33.0112111940580.2422-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have heard Todd but not even S2 here. The band is dead...

On Tue, 11 Dec 2001, Tom wrote:

> I'm not convinced AG0T is on the air because I should at least hear hounds.
> I hear neither Fox nor hounds.
>
> Tom, N1TP
> Naples, Florida
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 21:41:49 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114560] Re: Fox: AG0T Cub Fox
Message-ID: <013401c182b6\$8d273420\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No, the band is not dead.
I hear many CW signals on 40 not far from 7.055.

Tom, N1TP

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Tom" <n1tp@worldnet.att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 9:44 PM
Subject: Re: Fox: AG0T Cub Fox

>
> I have heard Todd but not even S2 here. The band is dead...
>
> On Tue, 11 Dec 2001, Tom wrote:
>
> > I'm not convinced AG0T is on the air because I should at least hear
hounds.
> > I hear neither Fox nor hounds.
> >
> > Tom, N1TP
> > Naples, Florida
> >
> >
> >
> >

>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>

Date: Tue, 11 Dec 2001 20:40:47 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114561] Re: Fox: AG0T Cub Fox
Message-ID: <200112120240.AA01136@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Now at about 7.056, working up. Hearing very little activity
of any sort. Heard Karl and WA9TZE earlier, but guess they couldn't
hear me. Will press on...

72/73,

Todd, AG0T

Date: Tue, 11 Dec 2001 21:42:20 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "'RACAL Reflector'" <racal@qth.net>
Subject: [114562] Anzac MLLF-3 Mixer & MWA-0304 MMIC
Message-ID: <002f01c182b6\$9f574540\$f7fa5b0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I just got a couple of these at the e-place pretty right, price-wise.
Freq range is 20kHz - 65 MHz. Great VLF possibilities, for one thing.
They are just like the usual Mini-Circuits Labs/et al plug-in mixers,
but I can't find ANZAC on the www. Anybody got a lead on these?

And while were looking, I also got a BUNCH of MWA-0304 MMICs and can't find them either.

Any help?????

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 11 Dec 2001 21:44:33 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <enders@bolshoi.cc.misu.nodak.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114563] Re: Fox: AG0T Cub Fox
Message-ID: <014301c182b6\$eea60140\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Excellent. The band should move West.

Tom, N1TP

----- Original Message -----
From: "Todd Enders" <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 9:40 PM
Subject: Re: Fox: AG0T Cub Fox

>

>
> Ed AB8DF Waterford, MI

Date: Tue, 11 Dec 2001 21:54:14 -0500
From: Doc <70511.3041@compuserve.com>
To: "INTERNET:n1tp@worldnet.att.net" <n1tp@worldnet.att.net>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>,
 "\Low Power Amateur Radio" <qrp-1@Lehigh.EDU>
Subject: [114565] Fox: AG0T Cub Fox
Message-ID: <200112112154_MC3-EA39-ABE0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Tom:

Also not hearing FOX nor hounds here in Bismarck, either. The bands sounds
pretty good though. Will go back to the shack and hope for a miracle :-)=
.

73,
--Doc/K0EVZ

Date: Tue, 11 Dec 2001 20:02:40 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Tom <n1tp@worldnet.att.net>
Cc: "Karl F. Larsen" <k5di@zianet.com>,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114566] Re: Fox: AG0T Cub Fox
Message-ID: <Pine.LNX.4.33.0112111959510.2468-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I hear some QRO signals but tried to meet another hound on 7054 and could not hear a peep. The band is dead to New Mexico from Wisconsin. I think it's dead to most areas except Mexico which is booming in with their USA rigs and amps.

On Tue, 11 Dec 2001, Tom wrote:

> No, the band is not dead.
> I hear many CW signals on 40 not far from 7.055.
>
> Tom, N1TP
>
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Tom" <n1tp@worldnet.att.net>
> Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, December 11, 2001 9:44 PM
> Subject: Re: Fox: AG0T Cub Fox
>
>
> >
> > I have heard Todd but not even S2 here. The band is dead...
> >
> > On Tue, 11 Dec 2001, Tom wrote:
> >
> > > I'm not convinced AG0T is on the air because I should at least hear
> > hounds.
> > > I hear neither Fox nor hounds.
> > >
> > > Tom, N1TP
> > > Naples, Florida
> > >
> > >
> > >
> > >
> > >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
> >
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 20:05:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Doc <70511.3041@compuserve.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114567] Re: Fox: AG0T Cub Fox
Message-ID: <Pine.LNX.4.33.0112112004420.2491-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

He is about 7054.6 about give a listen and I will call you.

On Tue, 11 Dec 2001, Doc wrote:

> Tom:
>
> Also not hearing FOX nor hounds here in Bismarck, either. The bands sounds
> pretty good though. Will go back to the shack and hope for a miracle :-).
>
> 73,
> --Doc/K0EVZ
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 22:02:13 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114568] Re: Fox: AG0T Cub Fox
Message-ID: <016c01c182b9\$66c17680\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WA9TZE was 579 here a few minutes ago.

Tom, N1TP

Naples, Florida

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 10:02 PM

Subject: Re: Fox: AG0T Cub Fox

>
> I hear some QRO signals but tried to meet another hound on 7054 and could
> not hear a peep. The band is dead to New Mexico from Wisconsin. I think
> it's dead to most areas except Mexico which is booming in with their
> USA rigs and amps.

>
>
> On Tue, 11 Dec 2001, Tom wrote:

>
> > No, the band is not dead.
> > I hear many CW signals on 40 not far from 7.055.
> >
> > Tom, N1TP

> >
> >
> > ----- Original Message -----
> > From: "Karl F. Larsen" <k5di@zianet.com>
> > To: "Tom" <n1tp@worldnet.att.net>
> > Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, December 11, 2001 9:44 PM
> > Subject: Re: Fox: AG0T Cub Fox

> >
> >
> > > I have heard Todd but not even S2 here. The band is dead...

> > >
> > > On Tue, 11 Dec 2001, Tom wrote:

> > >
> > > > I'm not convinced AG0T is on the air because I should at least hear
> > hounds.

> > > > I hear neither Fox nor hounds.

> > > >
> > > > Tom, N1TP
> > > > Naples, Florida

> > > >
> > > >
> > > >
> > > >
> > >

> > > --
> > > Yours Truly,
> > >
> > > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > > <http://www.zianet.com/k5di/>
> > >
> > >
> >
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Tue, 11 Dec 2001 20:47:27 -0600
From: George Franklin <w0av@juno.com>
To: markem@cervnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [114569] Re: Grid Leak (s)
Message-ID: <20011211.210348.-2093281.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Mark,

And don't forget to put a fresh bandage on the bleeder.

72 de George/W0AV

Date: Tue, 11 Dec 2001 20:10:44 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [114570] Made a Contact!
Message-ID: <Pine.LNX.4.33.0112112008380.2521-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just worked VE3FAL from New Mexico. We were 559 good copy. I know

the band is long enough but I just have never copied the Fox well enough to be sure of a contact.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 22:13:13 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114571] FOX: Cub AGOT
Message-ID: <018601c182ba\$efbf3ca0\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard Tony, KB9YIG, get his pelt.
Tony was 569 here in South West Florida. Did not hear the Fox.

Tom, N1TP

Date: Tue, 11 Dec 2001 22:16:33 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <flesnick@tbaytel.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114572] Re: MI QRP Net Tonight ...
Message-ID: <007e01c182bb\$66c89080\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good sigs all around! Did anyone hear the DL4 just above us? I didn't hear you, Fred, and should have at this range. :(
Tried 160m afterward but no QRP heard. Was using the 260' end fed up 60' and hoping for some good prop to test it. We'll keep plugging at it. Thanks again, Ed... good job.

72

AA1MY

Date: Tue, 11 Dec 2001 19:23:26 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'ctrask@primenet.com'" <ctrask@primenet.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114573] RE:
Message-ID: <BF889CEBEFD2D511B993009027F60ABE3B9E@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yeah, frequency grease and SWR spray too.... Gotta box of grid squares
around here somewhere...

72 .mark

> -----Original Message-----
> From: Chris Trask [mailto:ctrask@primenet.com]
> Sent: Tuesday, December 11, 2001 6:34 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re:
>
>
>
> I thought I had seen everything. Next, they'll be selling
> headlight oil. :{)
>
> Chris
>
> On Tue, 11 Dec 2001, Jimmy wrote:
>
> > I got a bunch of these! Wonder if I can get two bucks
> apiece for them?
> >
> > de Jim KE4BF
> > ----- Original Message -----
> > From: Tom Pennebaker <n4rs@netpath-rc.net>
> > To: Low Power Amateur Radio Discussion <>
> > Sent: Tuesday, December 11, 2001 4:55 PM
> >
> >
> > > I thought I had seen it all...Someone tell me it ain't so.....
> > >
> > > <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1305131228>

Sent: Tuesday, December 11, 2001 7:23 PM
Subject: RE:

> Yeah, frequency grease and SWR spray too.... Gotta box of grid squares
> around here somewhere...
>
> 72 .mark
>
> > -----Original Message-----
> > From: Chris Trask [mailto:ctrask@primenet.com]
> > Sent: Tuesday, December 11, 2001 6:34 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re:
> >
> >
> >
> > I thought I had seen everything. Next, they'll be selling
> > headlight oil. :{)
> >
> > Chris
> >
> > On Tue, 11 Dec 2001, Jimmy wrote:
> >
> > > I got a bunch of these! Wonder if I can get two bucks
> > apiece for them?
> > >
> > > de Jim KE4BF
> > > ----- Original Message -----
> > > From: Tom Pennebaker <n4rs@netpath-rc.net>
> > > To: Low Power Amateur Radio Discussion <>
> > > Sent: Tuesday, December 11, 2001 4:55 PM
> > >
> > >
> > > > I thought I had seen it all...Someone tell me it ain't so.....
> > > >
> > > > <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1305131228>
> > > >
> > >
> > >
> > >
> >
> >
> > ,-----
> > / What's all this \ High Performance Mixers and
> > / extinct stuff, anyhow? / Amplifiers for RF Communications
> > \ -----,
> > _ |/
> > oo\ Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research

Graphics by Loek Frederiks

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Tue, 11 Dec 2001 20:26:24 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <70511.3041@compuserve.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114576] Re: AG0T Cub Fox
Message-ID: <002501c182bc\$c77ec100\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

0300z: I hear no Fox, nor hounds.

Tuning around I hear other sigs TX, Midwest... The band must be
"longish". Todd is only 560 miles away from me. Sigs I'm hearing are
700-1000 miles away.

Happy Holidays
73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Doc" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 7:54 PM
Subject: Fox: AG0T Cub Fox

Tom:

Also not hearing FOX nor hounds here in Bismarck, either. The bands
sounds
pretty good though. Will go back to the shack and hope for a miracle
:-).

73,
--Doc/K0EVZ

Date: Tue, 11 Dec 2001 22:30:33 -0500
From: Doc <70511.3041@compuserve.com>

To: "INTERNET:rod@n0rc.com" <rod@n0rc.com>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>,
"\"Low Power Amateur Radio" <qrp-1@Lehigh.EDU>
Subject: [114577] Re: AG0T Cub Fox
Message-ID: <200112112230_MC3-EA10-1F66@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Rod and Gang:

Can at last hear some hounds, but alas, no Cub FOX. Believe the band is long. Maybe there will be a chance for some good DX later. Best wishes,=
everyone.

73,
--Doc/K0EVZ

Date: Tue, 11 Dec 2001 22:32:36 -0500
From: Doc <70511.3041@compuserve.com>
To: "INTERNET:k5di@zianet.com" <k5di@zianet.com>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>,
"\"Low Power Amateur Radio" <qrp-1@Lehigh.EDU>
Subject: [114578] CUB Fox Hunt
Message-ID: <200112112232_MC3-EA10-1F68@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Karl:

Been listening, and heard you a bit ago. Never had a chance to transmit,=
as I never heard the FOX. Oh well, onward and upward.

73,
--Doc/K0EVZ

Date: Tue, 11 Dec 2001 22:36:25 -0500

From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114579] FOX: AG0T Cub
Message-ID: <01c301c182be\$2db94c00\$258d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just heard W9HL get his pelt.

Finally! I barely heard the FOX.
Todd is on 7.056 working simplex.

Tom, N1TP

Date: Tue, 11 Dec 2001 22:35:55 -0500
From: Doc <70511.3041@compuserve.com>
To: "\"Low Power Amateur Radio" <qrp-1@Lehigh.EDU>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [114580] How Unsubscribe 1000MP reflector?
Message-ID: <200112112236_MC3-EA10-1F6F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Might be a bit off-topic, but here goes--How can I unsubscribe to the
1000MP reflector? Have had a computer crash and have lost all informatio=
n.

Anyone who can help? Thanks in advance.

73,
--Doc/K0EVZ

Date: Tue, 11 Dec 2001 22:33:39 -0500
From: Donn Kuse <casey.jay@gte.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114581] Re: Spark Gap transmission
Message-ID: <3C16D012.5B571CF0@gte.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,
If you didn't know what a spark gap transmission sounded like, and you weren't listening, you missed something. It was the first time I've ever heard it and it was a good 4 6 ? here in central Florida. Picked it up on 3.540. Wasn't able to make solid copy because my code is too rusty after being away from it for over 24 years. And it was too fast for me, but I was able to hear it and gave them a signal report. Thanks, Canada for your effort for the special event!
73, Donn, WB4ZWT
66 and still learning

Date: Tue, 11 Dec 2001 20:48:10 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114582] Re: Fox: AG0T Cub Fox
Message-ID: <Pine.LNX.4.33.0112112046010.2568-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Todd, Since you heard me and I really never heard you well enough to QSO or even do the Fox/Hound thing well, I wonder if your transmitter/antenna are working at all well? How strong was my signal?

On Tue, 11 Dec 2001, Todd Enders wrote:

>
> Now at about 7.056, working up. Hearing very little activity
> of any sort. Heard Karl and WA9TZE earlier, but guess they couldn't
> hear me. Will press on...
>
> 72/73,
>
> Todd, AG0T
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 11 Dec 2001 20:43:29 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <n1tp@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114583] Re: AG0T Cub
Message-ID: <005b01c182bf\$2a82bca0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

TNX Tom,

I jumped to the rig after reading your email. Found him and worked him
in one call. WHEW!

Todd is running 559-229 in Fort Collins WID QSB & QRM

Happy Holidays
73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Tom" <n1tp@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 8:36 PM
Subject: FOX: AG0T Cub

> Just heard W9HL get his pelt.
>
> Finally! I barely heard the FOX.
> Todd is on 7.056 working simplex.
>
> Tom, N1TP
>
>

Date: Tue, 11 Dec 2001 21:56:31 -0600

From: Monty N5FC <n5fc@io.com>
To: qrp-l@Lehigh.EDU
Subject: [114584] Re: QRP-L digest 2402
Message-ID: <5.1.0.14.1.20011211215512.00a982d0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Bob!

I'm interested in the BP-2M. if it's not sold yet.

73,
monty N5FC

At 19:03 12/11/2001 -0500, you wrote:

>Date: Mon, 10 Dec 2001 19:43:56 -0800
>From: Bob Welch <p326@earthlink.net>
>To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
>Subject: [114476] Equipment Sale
>Message-ID: <3C1580FC.BD370FB7@earthlink.net>
>MIME-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit
>
>I have decided to go 100% QRP and will be selling my other equipment to
>build my cash fund for buying ALL items for sale are in the original
>box, with manual,all original accessories and no modifications have been
>
>made. They are in my system now and operating.Prices include shipping in
>
>CONUS.
>
>1. Icom - 706 original model absolutely in mint condition. No dings or
>scratches.Never used as a mobile.All mode ssb,am,cw,fm,covers HF+50mhz
>+144mhz,Broadcast,tv, and fm broadcast. Since I live near a Icom service
>
>center
>in Bellevue WA I paid to have it checked out as I mostly used it on 2
>and 20 mtrs.They reported it " checks ok and meets/exceeds spec."
>Selling for \$525 new it was \$1279.Includes Mike ,DC power cable ,UT-102
>voice synthesizer installed.
>
>
>2.Mirage B-310G- amplifier. Boost your HT or Icom 706 2mtrs to 100
>watts.All modes FM,SSB,CW. 15db GasFet receive preamp.\$145, new its
>\$199.
>
>3.Baypac Model BP-@m Multimode Modem for Amtor, Rtty, Cw,Wefax , SSTV

>etc.I used it for SSTV.Micro Miniature size.No calibration, No external
>power required . Includes software and extra cable wired for the Icom
>706. See
>[Http://www.tigertronicics.com](http://www.tigertronicics.com) . Selling for \$45
>
>4. MFJ-969 Versa Tuner 11.Up to 300 watts All bands between 160 and 6
>meters. Built in dummy load,two separate coaxial outputs and built in
>4:1 balun for long wire or twin lead., Cross needle Meter..Set for 30 or
>
>300 watts.\$135.New \$189.Will sell this after 706 is sold. I want to keep
>
>it in my system
>
>That's it. Contact me direct please or call 425-337-4054
>
>Bob, W8MCJ

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Tue, 11 Dec 2001 21:55:19 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Trevor Jacobs <fxtech@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114585] Re: Truffle Hunt this evening
Message-ID: <Pine.LNX.4.33.0112112154520.10802-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

was that AGOT?....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 11 Dec 2001 21:58:33 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "QFOX@egroups.com" <QFOX@yahoo.com>
Cc: QRPL <qrp-l@lehigh.edu>
Subject: [114586] Re: [QFOX] Now hearing Da Fox
Message-ID: <Pine.LNX.4.33.0112112158040.10802-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

nothing heard here....sounds like the big black RF curtain is up....hihi

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Tue, 11 Dec 2001, Fred Lesnick wrote:

> Band cdx must be really strange tonight. Barely hearing Todd now at 0215,
> oh wait a minute, ok just worked him at 0220..He is a 559, but not
> getting many takers...
> He is on 7.054.73, listening up.
>
> Fred
> VE3FAL
> Normally ND booms, I mean BOOMS into Thunder Bay....
>
> ----- Yahoo! Groups Sponsor ----->
> Break free. Great
> American Smokeout
> <http://us.click.yahoo.com/3vN8tD/.pSDAA/ySSFAA/ELTo1B/TM>
> ----->
>
> To unsubscribe from this group, send an email to:
> QFOX-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

Date: Tue, 11 Dec 2001 22:09:20 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Karl F. Larsen" <k5di@zianet.com>

Subject: [114587] Cub Fox Early Report
Message-ID: <200112120409.AA01587@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Strange conditions. I worked all over the place, though not ever busy. Stations would pop up, and be gone when I turned it back to them. Some of those included AF4PS, KJ0C, and WR50. Sorry guys! I heard N1TP send his exchange, Q5 copy, but don't know how well he was hearing me. Since I got it, I'm giving him a pelt. :-)

Log in a bit. Initial count looks like 25 pelts, plus myself. Not real great, but better than I thought about 20 minutes into the hunt. :-) Fun, in a laid-back sort of way, but nowhere near what I was expecting.

Karl was Q5 copy here as well, nobody every *real* strong, but most were pretty easy copy. Been having sort of an ice storm today, and perhaps the ice on the vertical is making it play wierd. Doesn't account for the lack of heard signals, noise, etc., though. Hopefully next time is better! :-)

72/73,

Todd, AG0T

Date: Tue, 11 Dec 2001 21:49:57 -0700
From: "Dave WR50" <dendav@dzn.com>
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@lehigh.edu>
Subject: [114588] FOX: FP Truffle for 12/12 UTC
Message-ID: <00c901c182c8\$74e02040\$726357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I subbed for Mike KD5KXF, who got held up in a meeting...You owe me one, Mike :-).

W8DIZ and AF4PS made me do it...This joyride was only 20 minutes, because I took a little convincing :-).

AF4PS 559 MAC FL 3W
K4BYF 559 JACK FL 5W
W8DIZ 559 DIZ OH 5W

K0EVZ 559 DOC ND 5W I'm really sorry about the mix up, Doc...
K4FB 579 PAUL FL 5W
N1TP 559 TOM FL 5W
WV9N 559 RANDY OH 5W
K5JHP 559 BILL TX 5W
N8VAR 559 RON OH 5W
N2CQ 559 KEN NJ 5W
AJ4AY 569 JAY AL 5W
VE3FAL 559 FRED ON 5W

WR50 DAVE TX / TX DAVE 5W

12 in 20 minutes, my best rate yet (36/hr). Not too bad for being unprepared.

I usually use my logger to do the sending, so I can concentrate on copying. That's why there are no times listed...I forgot to write most of them down :-). I'm having a hard time getting my primary paddles adjusted, so my sending was somewhat rough at times. It's now on the workbench, and I'm going to use my back up paddles until I can get it straight.

Thanks to everybody who braved the QRM, QRN and QLF!

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts

FP# -109, SOC #371, ARS #996, Zombie #793

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.306 / Virus Database: 166 - Release Date: 12/4/01

Date: Wed, 12 Dec 2001 00:12:30 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [114589] TT2 to TT2 FUN
Message-ID: <5.0.2.1.0.20011211232855.00afb690@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

WOW!!! What a gas!!!! The first contact with the TT2 was with Rex , K0KP

in Duluth, MN
and it was solid. We were both running <300mW in some QRM.
The keyer here was the W7ZOI 555 design from "Solid State Design" built in
a Spam can.
(Remove contents before building this one HI!!!)
555s are a bit skittish but got them chilled out with some .003 disc
ceramics from the
junkbox on the keying lines.
These rigs are great!
73 To All
Pete NV4V

Date: Tue, 11 Dec 2001 20:13:28 -0900
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: "William T. Rose" <supertec@ev1.net>,
"qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Cc: ae4ic@nr.infi.net
Subject: [114590] Holiday Milliwatt CW Contest
Message-ID: <3C16E778.3E4E220C@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"William T. Rose" wrote:

>
> Jim,
> I see you recovered from all the fun . now the Stack of
> QSL,s.....You were going to tell us when the milliwatt contest
> was going to take place and what freqs.
> K5WTR

From: <http://www.njqrp.org/data/contesting.html>

Holiday Milliwatt CW Contest *** QRPP Contest ***
(Don't know if this is accurate for this year as page is not updated)

Keep an eye on QRP-L for updates if needed.

Dec 26 - 1800z to 2200z
Dec 27 - 2000z to Dec 28 0000z
Dec 28 - 2200z to Dec 29 0200z

Rules: <http://www.knightlites.org>

"The Knightlites also sponsor the annual Holiday Milliwatt Contest during the Christmas Holiday Season. This is a fun event designed to sharpen those operating skills to the finest. It is fascinating to see what can be done with tiny power outputs. For details of this contest please see the Milliwatt Contest page on our website. "

http://www.knightlites.org/milliwatt_contest.htm

I have sent a note to AE4IC to update the page.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Tue, 11 Dec 2001 23:55:54 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114591] Cub Fox Preliminary Log -- Take 2
Message-ID: <200112120555.AA02079@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Luck is running high tonight. :-/ Sent a log posting earlier, and it seems to have disappeared into never-never land. Oh well, let's try it again... :-) (Doc, also sent you mail, but Compuserve is having difficulties...)

Conditions were truly bizarre tonight. I worked hounds as far away as CA, OR, TX, GA, and FL, plus a solid group in the near and midwest, along with three Canadian provinces. Never heard a pack, per se, but had fairly steady business in the second hour. First hour only netted seven QSOs, compared to 18 in the second hour. Signals would pop out of the noise, nice solid copy, and be totally *gone* by the time I turned it back. Appologies to the hounds I missed along the way! :-) 26 total pelts (25 hounds plus myself) covering 16 states and three Canadian provinces. Propagation was decidedly spotty, with best spots being FL (3), CO (3), and MO (3). KI0II gets the palm for low power of the evening, hitting me just right with his 1W. Saw a good number of familiar calls, and a few I've not seen before.

So, here's the log for tonight. Thanks to all the hounds who

showed up tonight, and sorry to all those who either couldn't hear me,
or went away with the band conditions. :-) Not what I was expecting,
first time out as Cub Fox, but fun nonetheless! :-)

72/73,

Todd, AG0T

call time rst spc name power

ve4wi	0204	559	mb	craig	5w
k4gt 0214	449	ga	jim	5w	
ka0ec	0216	579	mn	gene	5w
ve3fal	0220	559	on	fred	5w
wa9tze	0248	339	wi	jim	5w
w0ch 0250	339	mo	dave	5w	
w8vjw	0256	559	mi	john	5w

kk5ld	0303	559	tx	dan	5w
w0av 0305	559	mo	george	5w	
wa8dxn	0306	559	oh	mike	5w
kb9yig	0308	539	in	tony	5w
wb0qqt	0310	559	ne	steve	4w
va6rf	0314	449	ab	earl	5w
n0klv	0317	559	mn	kevin	5w
n0tu 0322	559	co	steve	5w	
k4fb 0323	449	fl	paul	5w	
n9ww 0326	559	il	jim	5w	
w9hl 0331	559	il	larry	5w	
ki0ii	0338	539	co	ron	1w
n0rc 0340	559	co	rod	5w	
kb7ww	0344	449	or	art	5w
n0it 0346	559	mo	dave	5w	
k4byf	0349	559	fl	jack	5w
w6eu 0352	449	ca	jim	5w	
n1tp 0359	559	fl	tom	5w	
ag0t 0400	559	nd	todd	4w	

Date: Wed, 12 Dec 2001 00:55:50 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114592] Re: CUB Fox Hunt
Message-ID: <5.0.2.1.0.20011212003902.00af6810@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:31 PM 12/11/2001 -0700, Karl F. Larsen wrote:

> I have no idea how many Hounds worked the Fox tonight but I
> haven't heard him for 30 minutes now. I think the band is very bad tonight
> with huge pockets of land where no-one can hear me or me hear them. I
> suspect the Fox is in one of those. I should have heard K0EVZ 599 as I
> always do on 40 meter hunts, but have just not heard him at all.
>
> If Todd winds up with just 5-10 Hounds I'm going to consider doing
> this hunt again on another evening. Only the guys who didn't get him
> tonight need to consider this option.
>
> After all we are looking for Fun. It is not fun if your kick at
> being Fox has this evenings dismal propagation.
>
>--
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
Yes Karl es GangThis was pretty strange propagation. I never heard the
fox either so
decided to check out my new Tuna Tin 2 and had a solid QSO with Minnesota
at <300 mW
Both ways. I noticed when 30 meters first opened for hams that sometimes
there was
a sort of "tunnel" effect, of course at that time the Solar Flux rarely
exceeded 100 so that may
have been a factor. I'm curious what others have observed at the present
flux levels.
73 Pete NV4V KY

Date: Wed, 12 Dec 2001 18:48:37 +1300
From: "Mike Newman" <mnewman@clear.net.nz>
To: <qrp-l@Lehigh.EDU>
Subject: [114593] Unknown Microwave relay
Message-ID: <001201c182d5\$40037d60\$8591a7cb@w98sysrec>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to identify an unknown microwave relay. I found two in a box
of junk bought at a recent junk-sale, and my guess is that they may be
unused military spares.

The relay frame is a metal trough of about 3 inches overall width and 1 inch long, and with the upturned sides about 1 inch square. Screwed to the frame and occupying half of its width is a small diecast housing containing the contacts and pushrods and RF sockets. The other half of the frame width is occupied by two small solenoids.

Central (well almost) on the width (the 3 inch dimension) of the frame trough is a BNC socket and a (date?) marking 9144. The frame is enclosed with a U-shaped aluminium cover. On the opposite face from the BNC, - on the cover are the markings,

COAX RELAY
32840
CC1049-00
SM-D-414384
Serial No. 9101144

There are two separate solenoids. On one of the 1 inch square sides of the frame housing are 3 SMB (I think - push-on type - no threads or bayonet fitting) socket connectors, labelled J1, J2, and J3. A label colour codes J1 as black, J2 as purple, and J3 as green.

On the other side are three solder terminals with the same colour coding connecting to the solenoids, with the black terminal common to both solenoids.

Can any one identify this relay and its application for me.

Thanks
Mike ZL1BNB

Date: Wed, 12 Dec 2001 06:35:54 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: n7dma@mindspring.com, qrp-1@Lehigh.EDU
Subject: [114594] Re: SWR Question
Message-ID: <F15carcR4ZDgC81Tbdk000008ad@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>The setup between the rigs is the same. When I originally discovered the
>differences in measured SWR between the FT-840 and the K1, I had different
>patch cables (made a new one for the K1, BNC to PL-259), but for the sake

>of experimentation, I switched to the same cable for both rigs, with the
>exception of an adapter to match a PL-259 to BNC, same path to the antenna.

Very possibly it is due to the adaptor. Some of the "cheaper" ones can and do cause impedance "bumps" in the transmission line. I don't know if that is the case here, but I have observed it in the past on the upper bands, i.e. 220 and 432 MHz.

72

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499
Web Page <http://www.qsl.net/wb0wao>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Wed, 12 Dec 2001 00:45:42 -0600 (CST)
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [114595] RE: Stinger Singer to 500mw / 7040
Message-ID: <Pine.SOL.4.03.10112120030450.7015-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Last report, the Singer read from a clip lead draped on the coax feedline at 4w out on 10.1mHz.

Had occasion tonight to see how low it would go.

My Altoids-1 rig output reflects a drop-off in VX0 (i.e., the MRX-40 rcvr) output voltage as it moves from 7041.8 down to 7038.8. I wanted to check the xmtr r.f. output vs. freq., SO, an unexpected opportunity to use the Singer!

Measurements were taken via a clip lead clipped onto the insulated (no electrical contact) rcvr ant input line.

This line is connected to the xmtr ant. output via a 220pf capacitor. No ground lead was connected between the Altoids-1 and Singer. The Singer read down to 500mw out from the xmtr. I didn't search for the exact level at which the Singer would no longer read the freq w. this setup. But at 220mw, it was necessary to connect the Singer to the rcvr input line via a 3.3pf cap. So, the Singer reads a 220mw sig on 7040 when connected thru a 220pf in series with a 3.3pf cap to the xmtr output.

Not using a ground connection is not the best procedure, but I wasn't looking for absolute accuracy.

That's pretty sensitive!

I might mention -- if you've never done this kind of thing before with the Singer -- to take the measurement, you hit the xmtr key to generate r.f., then you hit the Singer button to start the "read" cycle which takes 1 second. You can release the key as soon as the Singer starts singing.

Again, a "great job" to Dan Tayloe N7VE!

The Singer falls together and promises to be an extremely useful device in my shack where I have to haul out the bulky freq. counter and make space for it whenever I'm doing freq measurements. No more!

72, Ade

Date: Tue, 11 Dec 2001 23:51:35 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <mnewman@clear.net.nz>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114596] Re: Unknown Microwave relay
Message-ID: <014301c182e1\$d3b520c0\$266afc9e@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mike,

I can't tell you the exact brand that it is, but what you are describing is an antenna changeover relay similar (in fact it may be) to the very popular Dow Key Relays. They were (and still are with the boat anchor guys like me) a very popular way of changing the antenna over from the Transmitter to the Receiver during receive and then back to the TX during transmit. Another function of the relay (if it has external contacts) is to mute the Receiver during transmit. Tube type Transmitters and Receivers commonly had terminal on the back to accommodate such a relay. They used to be very common, but not so much today, and they are highly sought after. I have a couple of Dow Key relays that I use with my vintage stuff. I was lucky and got them at a swap for cheap, but I've seen them go as high as \$200 if they are in good shape. Hope this helps...

72/73's

Trev

KG6CYN

----- Original Message -----

From: "Mike Newman" <mnewman@clear.net.nz>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 9:48 PM

Subject: Unknown Microwave relay

> I would like to identify an unknown microwave relay. I found two in a box
> of junk bought at a recent junk-sale, and my guess is that they may be
> unused military spares.

>

> The relay frame is a metal trough of about 3 inches overall width and 1
inch

> long, and with the upturned sides about 1 inch square. Screwed to the
frame

> and occupying half of its width is a small diecast housing containing the
> the contacts and pushrods and RF sockets. The other half of the frame
width

> is occupied by two small solenoids.

>

> Central (well almost) on the width (the 3 inch dimension) of the frame
> trough is a BNC socket and a (date?) marking 9144. The frame is enclosed
> with a U-shaped aluminium cover. On the opposite face from the BNC, - on
the

> cover are the markings,

>

> COAX RELAY

> 32840

> CC1049-00

> SM-D-414384

> Serial No. 9101144

>

> There are two separate solenoids. On one of the 1 inch square sides of
the
> frame housing are 3 SMB (I think - push-on type - no threads or bayonet
> fitting) socket connectors, labelled J1, J2, and J3. A label colour codes
> J1 as black, J2 as purple, and J3 as green.
>
> On the other side are three solder terminals with the same colour coding
> connecting to the solenoids, with the black terminal common to both
> solenoids.
>
> Can any one identify this relay and its application for me.
>
> Thanks
> Mike ZL1BNB
>
>
>

Date: Wed, 12 Dec 2001 06:39:04 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [114597] FOX: FINAL FINAL - W8KC Foxhunt Final Log
Message-ID: <Pine.OSF.4.21.0112101041040.27341-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone.

Well... I got two more corrections and incredibly, managed to skip a
contact with WA9TZE, that I actually have on paper but unexplainedly drew
a line through! WA9TZE pointed out that goof giving me the time
and the station that I worked right after him.

So that makes it 67 real QSOs and the two freebies. 30 states and
provinces! Wow!

Recap:

My radio was a TenTec Corsair with every possible filter in line and
running just over four watts. The skyhook was a full wave dipole at 25'.
Ladder line and an LDG tuner with an external 4:1 balun, put fire on the
wire. I was using Telex headphones and a Kent paddle with an MFJ
Grandmaster memory keyer.

Hope you are looking forward to my next operation in a few weeks as much as I am. Happy Holidays!

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

NUM	TIME	CALL	REPORT QTH	NAME	POWER
1	02:03	k3ph	599 PA	BOB	5W
2	4	we9k	599 WI	GLENN	5W
3	5	k3iu	599 RI	KEN	5W
4	7	k0evz	599 ND	DOC	2W
5	9	kv4ee	599 SC	CRAIG	5W
6	10	ve3fal	599 ON	FRED	5W
7	12	n3bj	559 VA	ALAN	5W
8	13	w9xu	599 WI	LON	5W
9	15	k4tjd	559 GA	TOM	5W
10	16	wd4msm	599 IN	BARRY	5W
11	19	w2jef	559 NY	JEFF	5W
12	20	n9ij	599 IL	LEN	5W
13	21	w0ufo	559 MN	MERT	5W
14	22	ve5rc	559 SK	BRUCE	5W
15	24	k8cv	599 MI	WALT	5W
16	25	k0frp	599 CO	AL	5W
17	27	kg6cyn	599 WI	TREV	5W
18	28	w0ch	559 MO	DAVE	5W
19	30	n9ww	559 IL	JIM	4W
20	31	k4adi	599 SC	FRANK	5W
21	35	w3zmn	559 WI	CONRAD	4W
22	36	k9is	559 WI	STEVE	5W
23	41	w8vjw	559 MI	JOHN	5W
24	41	w8sff	559 MI	STEVE	5W
25	42	n0ar	559 MN	SCOTT	5W
26	43	wa8bxn	599 OH	MIKE	5W
27	45	wa9tze	599 WI	JIM	5W
28	46	va6rf	559 AB	EARL	5W
29	47	n9aw	599 WI	JERRY	5W
30	48	n0ur	579 MN	JIM	5W
31	50	nx8c	559 MI	NEIL	5W
32	51	n3xrv	559 PA	CHRIS	5W
33	53	n0dsp	559 CO	TOM	5W
34	55	af4ps	579 FL	MAC	3W

35	57	kc1fb	559	CT	JIM	5W
35	59	k9dc	559	IN	DAVE	5W
36	03:02	k2odc	589	NY	RON	5W
37	8	n0rc	559	CO	ROD	5W
38	9	w5tb	559	TX	DOC	5W
40	10	ve4wi	559	MB	CRAIG	5W
41	12	n1tp	559	FL	TOM	5W
42	15	n9ne	589	MI	TODD	5W
43	16	n1fn	559	CO	ET	5W
44	18	w9hl	559	IL	RANDY	5W
45	19	wv9n	559	OH	RANDY	5W
46	20	ve3jff	599	ON	JEFF	2W
47	22	k4byf	559	FL	JACK	5W
48	24	kv2x	559	NY	TOM	5W
49	25	k0pc	559	MN	PAT	5W
50	27	w8ru	599	MI	RON	5W
51	29	aa5o	559	LA	VERN	5W
52	31	kg4ldy	559	VA	JIM	5W
53	33	nu8s	559	OH	DENNIS	5W
54	34	w0rsp	559	SD	ADE	5W
55	36	kk5ld	559	TX	JIM	5W
56	37	n2ww	559	CO	LARRY	5W
57	39	af4lq	559	KY	MIKE	5W
58	41	kr5c	559	TX	GEORGE	5W
59	43	kc0gxx	599	NC	TOM	2W
60	45	w5yr	559	TX	GEORGE	5W
61	46	wb8wtu	559	OH	DENNIS	5W
62	48	k8kfj	599	WV	GARY	5W
63	49	kc0atc	559	CO	CHRIS	3W
64	51	nk9g	599	WI	RICK	5W
65	54	ve6ex	559	AB	DAN	5W
66	58	kb9yig	569	IN	TONY	5W
67	59	k4fb	579	FL	PAUL	5W
68		n6wg	fox	CA	BOB	
69		w8kc	fox	MI	PAUL	

Date: Wed, 12 Dec 2001 06:55:17 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: wlrex@megalink.net, qrp-1@lehigh.edu
Subject: [114598] Re: 3C24 Glowbug rig
Message-ID: <3C1745A5.C04CB7EC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rex,

Now I remember, the tube was used commercially in the Johnson Viking I transmitter. Personally I would not be likely to consider the tube for QRP use or even for new transmitter use. The socket would cost as much as the whole QRP rig (less power supply)! It would be like building a 5 watt rig using a 6146! To begin with you could use a 2E26, and there are lots of other tubes that are cheaper and just as effective. Of course, for QRO use, there are still many alternatives that are more modern.

73

Date: Wed, 12 Dec 2001 07:44:22 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <dendav@dzdn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114599] Re: FP Truffle for 12/12 UTC
Message-ID: <000f01c1830a\$ba284f00\$85994d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks, Dave.

Appareltly conditions in Florida were as good as any place else.

Tom, N1TP
Naples, Florida

----- Original Message -----

From: "Dave WR50" <dendav@dzdn.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 11:49 PM

Subject: FOX: FP Truffle for 12/12 UTC

>
> I subbed for Mike KD5KXF, who got held up in a meeting...You owe me one,
> Mike :-).
>
> W8DIZ and AF4PS made me do it...This joyride was only 20 minutes, because
I
> took a little convincing :-).
>
> AF4PS 559 MAC FL 3W
> K4BYF 559 JACK FL 5W
> W8DIZ 559 DIZ OH 5W
> K0EVZ 559 DOC ND 5W I'm really sorry about the mix up, Doc...
> K4FB 579 PAUL FL 5W
> N1TP 559 TOM FL 5W
> WV9N 559 RANDY OH 5W
> K5JHP 559 BILL TX 5W
> N8VAR 559 RON OH 5W
> N2CQ 559 KEN NJ 5W
> AJ4AY 569 JAY AL 5W
> VE3FAL 559 FRED ON 5W
>
> WR50 DAVE TX / TX DAVE 5W
>
> 12 in 20 minutes, my best rate yet (36/hr). Not too bad for being
> unprepared.
>
> I usually use my logger to do the sending, so I can concentrate on
copying.
> That's why there are no times listed...I forgot to write most of them down
> :-). I'm having a hard time getting my primary paddles adjusted, so my
> sending was somewhat rough at times. It's now on the workbench, and I'm

> going to use my back up paddles until I can get it straight.
>
> Thanks to everybody who braved the QRM, QRN and QLF!
>
> 72/73 es oo,
>
> Dave Winfield, WR50
> El Paso, Texas DM61ts
>
> FP# -109, SOC #371, ARS #996, Zombie #793
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.306 / Virus Database: 166 - Release Date: 12/4/01
>
>

Date: Wed, 12 Dec 2001 19:58:16 +0700
From: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
To: <kd1jv@moose.ncia.net>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [114600] Re: Dream Catcher antenna (= modified G2BZQ) (long)
Message-ID: <000a01c1830d\$8db2bfc0\$84429bca@kutuimut>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 3:59 AM
Subject: Dream Catcher antenna

quote :

Basically, it's a W3EDP with the 85 feet of wire spiral wound on a 1" PVC "cross". Currently, the arms are about 1 1/2 feet long, for a total 3 foot spread. Wire is spaced 1/2", using #4, 1/2" wood screws as little posts along the arm to spiral the wire around. The end of the wire starts at the outside, and spirals in. A standard tank circuit connects to the wire on the inside of the spiral, the 17 foot counter pose is connected the ground end of the tank, power is coupled in with a one turn link on the tank

coil, and there you go.

>>>> > I saw it in *73* issue of Sept, 1993 and was written
by Dick Marris, G2BZQ <<<<<<<

(Wish I could find the article, to give proper credit, but can't put my
hands on it at the moment).

He used wooden spreaders and terminal blocks to
space the wire, (SNIP)

..... I want to try to make the arms a little longer (2 feet) and
space the wire at least 1". Also want to make a remote tuned
variable cap, so can put the whole thing outside, where it is
bound to work better. unquote

Steve,

In his next article (*73*, Nov 1997) G2BZQ introduced his 160M
version, and instead of using a octagonal framework (earlier design) he
used now a rectangular shaped wooden frame. He also replaced the feeding
system from "standard tank circuit" of paralel LC to a SWITCHABLE
CAPACITIVE LOADING, so that he could change directivity from
bi-directional to uni-directional, even with sharper beamwidth.
back in 1998 i did some experiments with the earlier version but having
a "mediocre" result (indeed i used the same two different counterpoises for
80-40-15 and 20M) i just "abandoned" the project.
(might be it's not the design to be blamed, but i did the experiment INSIDE
the house, whilst i had aluminium foil under my tile roof - so it's just
like
operating from a faraday cage (HI!))

so, if you're interested to know further about this W3EDP-derived G2BZQ
later design just reply off-list and i'll send you my scratch (in ms
word2000
and visio format) on the rectangular version (which in my opinion is easier
to
construct, more compact in size - a half size version will do for 80M -
and more over : with more "promising" result)

72/73
bam yb0ko/1
bogor 16136, 0I 33 oi
6 38 04 S, 106 48 16 E
scout 555 # 02A10434 @ 20W, n4pc skywire @ 11 mtr

Date: Wed, 12 Dec 2001 08:16:30 -0500
From: W2AGN <w2agn@pobox.com>
To: Bruce Muscolino <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114601] Re: 3C24 Glowbug rig
Message-ID: <01121208163011.11923@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 12 December 2001 06:55, Bruce Muscolino wrote:

> Rex,
>
> Now I remember, the tube was used commercially in the Johnson Viking I
> transmitter.

--

The Viking I used a 4D32 not a 3C24.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Wed, 12 Dec 2001 08:17:30 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [114602] Re: SWR Question
Message-ID: <5.1.0.14.1.20011212081201.00a7dda0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:35 AM 12/12/2001 +0000, you wrote:

>>The setup between the rigs is the same. When I originally discovered the
>>differences in measured SWR between the FT-840 and the K1, I had
>>different patch cables (made a new one for the K1, BNC to PL-259), but
>>for the sake of experimentation, I switched to the same cable for both
>>rigs, with the exception of an adapter to match a PL-259 to BNC, same
>>path to the antenna.

>

>Very possibly it is due to the adaptor. Some of the "cheaper" ones can
>and do cause impedance "bumps" in the transmission line. I don't know if
>that is the case here, but I have observed it in the past on the upper
>bands, i.e. 220 and 432 MHz.

We had a guy in our club that claimed he had bought a barrel connector for hooking PL-259s together from a CB radio shop. He needed it to splice together some coax going up the tower to his 2M antenna.

With the barrel in place, 2M was essentially useless to him. High SWR, could barely hear on receive. He checked the barrel with an ohmmeter, and it showed good continuity. Yet when he replaced it with one loaned by a buddy, everything worked well.

He tore apart the barrel to look inside, and found that the center contacts were connected with what looked like a ballpoint pen spring.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 12 Dec 2001 08:21:34 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [114603] The HR magazine 40m transceiver has been collocated!
Message-ID: <20011212.082221.292.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Y'all loonies,

I got an email full of neat stuff from Steve Smith (WB6TNL; sigcom@juno.com) about the little radio that was in the July '74 edition of Ham Radio Magazine (pg 16-21). Steve found the little box that I'd remembered when I first came across the G-QRP Club and their eccentricities at some Dayton Hamvention in the passt. The little rig is on a board that's 3-1/8x1-1/8 inches. There's even a little AF transformer on it. And built-in sidetone. Only two transistors & two ICs (CA3028 & CA3118). Manual T/R switching; a front panel crystal socket, a VXO cap & a volume control.

There are three interesting things about this rig: First, I am probably one of a very few, even including Ade Weiss, who, upon reading something that's nearly 30 years old, looks at how the whole piece is written. It's like picking up a copy of Moby Dick and discovering that it ain't that old fashion language stuff that you suffered through in high school reading Shakespeare. Howard Batie (W7BBX) wrote a very lucid (darn sight more lucid than I ever do) & easy to follow four pages on how this little puppie (or that little puppie, if you're gonna be strictly temporal about it) works.

Secondly, Steve pointed out another thing about the circuit. He thinks this may be the earliest QRP use of a VXO circuit in something this simple. Steve also noted that the output tank circuit uses one toroid for a 5-element output network. (I remember winding that coil & then trying to cram it into the small space on the board where it & the 3 capacitors went. And this was before the shaking hands and the pastry syringe attacks.)

So where's this put me, he asked rhetorically? Well, I've also been staring at the 40-9er circuit while also looking for reasons to avoid trying to get the 28-year-old circuit board done in a couple one-off throws. The 40-9er is probably as simple as W7BBX's circuit. Maybe moreso. There ain't no sidetone (and yes, I know this issue was covered in one of the many mods that appeared for the 40-9er on this list, in QRPp & elsewhere) but there also ain't no AF transformer. There is a mute & a semblance of QSK stuff in the 40-9er that ain't in Howard's design, as if that's gonna change my mind one way or the other.

The real ticker here is that I'd love to try cobbling together a postmodernist version of the 40-9er to see how tiny I could get the little beast, even with thru-hole technology, presuming I can find the parts. A big chunk of perf-board with all the parts crammed together in the middle of it, waiting for me to figure a way to cut the board down to size without also trimming my fingers. Or stabbin' myself. Another part of the same "real ticker" is my desire to find the parts & somehow reconstruct (as opposed to deconstruct, in postmodernist terms) a working version of Howard's radio too.

Something to fiddle with at the beach while everyone else gets stung by jelly fish, chewed by sharks, bounced by killer whales, sunburned, aroused by young women in bikinis or buff young boys in their own version of bikinis & similar vacation pursuits. (He said "pursuits.")

Oh, and one more thing: I came across this one while I was looking for tiny boxes of stuff to play with: <http://www.qsl.net/n3wvm/xcvr-40.html> It's another 40m transceiver, using an IC that was originally set out for FM receivers, among other madness.

At the same time, I can't help but wonder what the blue Tasmanian blazes is wrong with me. Seriously. Look, even with all these tiny little toys enticing me more than the beach arousal thingie, I can save myself many hours or torture & nominally coordinated manipulation of fairly dangerous tools by just getting any one (or more) small board radio kits that are "out there."

It all comes down to the "I word," doesn't it? Yeah, you know it does. Intervention. Can you say that? I know you can.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes
W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
--- Comrade Nikolai Sergeevich McTovarishov

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Date: Wed, 12 Dec 2001 08:33:34 -0500
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114604] Re: CUB Fox Hunt
Message-ID: <006001c18311\$9909bf00\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

I'm not fox hunting this year, I love fox hunting but I have been tied up with personal and work related constraints this time.

BUT, here's my opinion.

I THOUGHT the fox hunts were supposed to help us learn to cope with adverse propagation, sharpen our skills for when the CNDX are not always premium. When you're hunting, sometimes you get the fox, and sometimes the fox gets away. Looks like last night the fox got out of here with most of it's hair.

I don't think the hunt should be re-run. Play it where it lays. Everyone had the same chance to get on the air and bag the beast, but if it wasn't so, it just wasn't so.

They call it hunting, because you have to hunt. If everyone was to be guaranteed the same playing conditions and clear shot at the fox, it would be called "Catching" and not "Hunting". Some of what we do might as well be called the Fox Net instead of the Fox Hunt.

Anyway, asbestos undies are firmly in place. Besides, after 22 years of marriage, email complaints just don't even register. I've been bitched at by the best, and lived to tell the tale.

73 de KB9BVN

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 11, 2001 10:31 PM

Subject: CUB Fox Hunt

>
> I have no idea how many Hounds worked the Fox tonight but I
> haven't heard him for 30 minutes now. I think the band is very bad tonight
> with huge pockets of land where no-one can hear me or me hear them. I
> suspect the Fox is in one of those. I should have heard K0EVZ 599 as I
> always do on 40 meter hunts, but have just not heard him at all.
>
> If Todd winds up with just 5-10 Hounds I'm going to consider doing
> this hunt again on another evening. Only the guys who didn't get him
> tonight need to consider this option.
>
> After all we are looking for Fun. It is not fun if your kick at
> being Fox has this evenings dismal propagation.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>

Date: Wed, 12 Dec 2001 08:32:53 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114605] Re: SWR Question
Message-ID: <008d01c18311\$83035180\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've not seen the spring in a 'straight through' or an 'adapter', but I
HAVE
heard of the spring in the 'right angle' connectors.

Mike

> We had a guy in our club that claimed he had bought a barrel connector
> for
> hooking PL-259s together from a CB radio shop. He needed it to splice
> together some coax going up the tower to his 2M antenna.
>
> With the barrel in place, 2M was essentially useless to him. High SWR,
> could barely hear on receive. He checked the barrel with an ohmmeter,
> and
> it showed good continuity. Yet when he replaced it with one loaned by a
> buddy, everything worked well.
>
> He tore apart the barrel to look inside, and found that the center
> contacts
> were connected with what looked like a ballpoint pen spring.
>
> Dave

Date: Wed, 12 Dec 2001 06:55:30 -0700
From: "Steve/n0tu" <n0tu@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <plburbank@kih.net>
Subject: [114606] Re: TT2 to TT2 FUN
Message-ID: <000b01c18314\$aab72b40\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congrates Pete! I relived my first TT2 QSO last night. Couldn't sleep so got up to check the bands -2AM MST. 40m was very quiet except for a strong signal on 7038 calling CQ. Turned out to be Paul - WN7T who was running a TT2 @ 300mW from Bellingham, WA. I snagged him w/my TT2 and we had a TT2-way rag chew!!! Could not believe the cndx. No QRM ...not one other signal ...nothing just our mighty milliwatts! Paul is State #17 and QSO#32 wTT2. The more I play with this lil' rig the more I can hear ol' Doug DeMaw saying "less is MORE" ~ Steve/n0tu ~

----- Original Message -----

From: "Pete Burbank" <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 11, 2001 10:12 PM
Subject: TT2 to TT2 FUN

> WOW!!! What a gas!!!! The first contact with the TT2 was with Rex , K0KP
> in Duluth, MN
> and it was solid. We were both running <300mW in some QRM.
> The keyer here was the W7Z0I 555 design from "Solid State Design" built
in
> a Spam can.
> (Remove contents before building this one HI!!!)
> 555s are a bit skittish but got them chilled out with some .003 disc
> ceramics from the
> junkbox on the keying lines.
> These rigs are great!
> 73 To All
> Pete NV4V

Date: Wed, 12 Dec 2001 08:55:39 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [114607] Re: SWR Question
Message-ID: <5.1.0.14.1.20011212085348.00a73830@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:32 AM 12/12/2001 -0500, you wrote:

>I've not seen the spring in a 'straight through' or an 'adapter', but I
>HAVE

>heard of the spring in the 'right angle' connectors.

Mike,

You are correct - my memory is faulty. (They say when you get old, your memory is the second thing to go. I wish I could remember what the first thing was.)

Thanks for straightening that out.

Dave

>Mike

>

> > We had a guy in our club that claimed he had bought a barrel connector
>for

> > hooking PL-259s together from a CB radio shop. He needed it to splice
> > together some coax going up the tower to his 2M antenna.

> >

> > With the barrel in place, 2M was essentially useless to him. High SWR,
> > could barely hear on receive. He checked the barrel with an ohmmeter,
>and

> > it showed good continuity. Yet when he replaced it with one loaned by a
> > buddy, everything worked well.

> >

> > He tore apart the barrel to look inside, and found that the center
>contacts

> > were connected with what looked like a ballpoint pen spring.

> >

> > Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 12 Dec 2001 09:13:30 -0500
From: mike <mike@kd0ar.homeip.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114608] TT2 mod
Message-ID: <3C17660A.7FBFF395@kd0ar.homeip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There have been a few interested parties regarding my earlier post concerning the TT2 modification I placed here yesterday.

Here's all I did to up the power and efficiency of the TT2 final:

you need 2 - 1N914 diodes and one 220pf capacitor.

Disconnect coupling capacitor lead that goes to the base of the pa.
solder one diode cathode to the base of the pa, the other end of the diode goes to the coupling cap.

Connect the cathode of the second diode to the collector of the PA.
connect the anode of the second diode to the anode of the first diode.

bridge the first diode with the 220pf capacitor.

short out the emitter resistor directly to ground.

I changed my LPF slightly as well, I have a T50-6 toroid with 14 turns #28 wire and a pair of 470pf caps in a pi filter connected to the output of the output transformer. Squeeze the turns together until you get the power to reach its maximum, ramp up the supply volts to about 15 volts and you should see about 1 watt output. The PA should draw about 75 mils, and overall the transmitter should draw about 105 mills. Key it down, touch the final, it should get a little warm but not hot. Mine actually runs cooler than it did at the 250 mw level. By the way, i DIDNT change the transistor, I'm still using the plastic 2N2222.

The 2 diodes act as an input waveform clipper and the output of the amp is a square wave. Being a square wave, when the signal is negative going, the transistor is turned off, therefore no power is dissipated. When the signal goes positive, the transistor is turned on rather hard, therefore its internal resistance is low. lets say its 0 ohms for this discussion. The power dissipation in the transistor is 0 watts again. All of the power is transferred to the load. Because of that, the efficiency is higher, and you can obtain a higher output power from the transmitter with less heating.

My transmitter draws about 105 mills total, the pa draws about 75 mils at 15 volts. Input power is about 1.125 watts for an output of 1 watt. The transistor only dissipates .125 watts. Easily handled by a 2N2222.

If anyone else tries this, let me know. If its easily reproduceable, I may design a higher power transmitter using this technology and post it here and on my website.

Mike kd0ar
<http://www.kd0ar.homeip.net>

Date: Wed, 12 Dec 2001 09:16:40 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jona1.net, qrp-1@lehigh.edu
Subject: [114609] NEQRP Noise Bridge Kit
Message-ID: <3C1766C8.9CE3A442@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As Dave Benson mentioned a few days ago, the New England QRP Club is offering a small and inexpensive noise bridge kit. This versatile instrument has many applications ranging from antenna tuning, trap tuning, to complex impedance measurements. It is something that every ham should have in his shack.

The noise bridge kit, designed by Dave, is being offered for \$15.00 (including postage) and is now available from Seab, AA1MY, who is handling the kitting and distribution, via mail at:

Seabury Lyon, AA1MY
99 Sparrowhawk Mtn Rd
Bethel, ME 04217

Include a personal check or money order for \$15 US, made out to 'Seabury Lyon' (not NEQRP). If you'd prefer, Seab can also accept Paypal transfers- those go to sslyon@megalink.net

Additional information regarding the noise bridge kit, including schematic, construction information, and application examples can be found on the NEQRP web site at:

<http://www.qsl.net/wq1rp/noisebrg.htm>

72 DE K1CL,
Chuck

Date: Wed, 12 Dec 2001 07:33:31 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: qrp-1@Lehigh.EDU, cqclist@yahooogroups.com

Subject: [114610] Great Colorado Snowshoe Run ! ! !
Message-ID: <20011212.073334.-566169.1.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang;

The Colorado QRP Club's Great Colorado Snowshoe Run
takes place Saturday evening and is simply tons of fun!

Here are the details:

<http://www.cqc.org/contests/snow2001.htm>

WB0JNR
CQC Webmaster
<http://www.RogerWendell.com>

-

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Date: Wed, 12 Dec 2001 09:33:35 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: qrp-1@Lehigh.EDU
Subject: [114611] Speaking of TT2's
Message-ID: <7978-3C176ABF-63@storefull-261.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Hey group!

Does anyone have or know where I could get the info on putting a TT2
on another band? Specifically the LPF and anything else that "changes"
in the circuit?

Dennis - WB0WAO

Date: Wed, 12 Dec 2001 09:35:22 -0500
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [114612] IRF540's
Message-ID: <000901c1831a\$3bdc0d70\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got a small qty of IRF540 transistors.

For datasheet: <http://cecsfp.cecs.evansville.edu/PDF/IRF540.PDF>

These are 27A, 100V N-Channel Power MOSFET's, brand new. I think the make is Kyocera or Samsung. I forget. Mouser has them for \$1.26 QTY 1

If you need any, send a SASE and a buck each. I can send up to 5 in a single SASE with one stamp on it.

73

KB9BVN
47 Grassy Dr
New Whiteland IN 46184

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Wed, 12 Dec 2001 09:31:16 -0500

From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [114613] Antennas with wrapped wire.
Message-ID: <5.0.2.1.0.20011212091050.00af2ae0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Another material to wind wire on is the fiberglass masts used for bicycle flags.

They are cheap, tough, and weather well....like some hams I know.:-) :-) :-)
Happy Holidays!!! 73 Pete NV4V KY

Date: Wed, 12 Dec 2001 08:40:57 US/Central
From: delphinus@brightok.net
To: qrp-1@Lehigh.EDU
Subject: [114614] Spark Gap Transmissions: Sounds & Info
Message-ID: <200112121440.IAA15629@mail5.brightok.net>

Ever heard a spark gap transmission? Check out the following website. Look at the bottom of the page, it has audio files for Unix, Mac, and Windows that show what Titanic's last transmissions sounded like.

<<http://www.geocities.com/CapeCanaveral/Lab/8972/titanic.html>>

I'll be teaching a radio class this evening when VE3BBN's fires up his spark gap transmitter. Between 8 and 9pm CST, we're going to stop what we're doing and listen in for tonight's special transmissions. This is going to be COOL!

The following are excerpts from <<http://www.rac.ca/dnews.htm>> It provides some pertinent information needed to listen to the spark gap transmissions tonight.

*****snip*****

..will be a demonstration of a spark-gap transmitter from St. David's, Ontario. This is an initiative of VE3BBN and it has been approved by Industry Canada for the period 9-10 pm EST (13 Dec 0200-0300Z)

*****snip*****

The frequency will be 3.550 MHz , the output power approximately 20 watts, and the signal bandwidth 20 kHz. Radio amateurs in all countries are encouraged to listen and to provide signal reports. To listen to the spark transmission your receiver should be set to the AM mode to get the most signal possible. David plans to transmit 60 times on the minute the following message "MARCONI S", then rest for about 45 seconds and repeat the sequence.

QSL messages should be sent to VE3BBN@rac.ca and reports should include "name, QTH, signal report and distance as the crow flies from Niagara Falls Ontario.

*****snip*****

73, Matthew
AD5AP

This message was sent using BrightNet MailMan.
<http://www.Brightok.net/mailman/>

Date: Wed, 12 Dec 2001 07:39:43 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"Elecraft-list" <elecraft@qth.net>,
Subject: [114615] Marconi Centenary site
Message-ID: <000d01c1831a\$d74e8440\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

100 years ago today Marconi succeeded in his transatlantic radio contact attempt. The rest they say is history. The Marconi PLC has establish a nice web site to document Marconi's accomplishments.

Enjoy.

<http://www.marconi.com/html/about/19012001centenary.htm#EOM>

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Wed, 12 Dec 2001 09:39:11 -0500
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>

To: <wb0wao@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114616] Re: Speaking of TT2's
Message-ID: <002201c1831a\$f002fac0\$261b4e0c@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Please answer on list.....
Joe

----- Original Message -----

From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 09:33 AM
Subject: Speaking of TT2's

| Hey group!
| Does anyone have or know where I could get the info on putting a TT2
| on another band? Specifically the LPF and anything else that "changes"
| in the circuit?
|
| 72
|
| Dennis - WB0WAO
|

Date: Wed, 12 Dec 2001 07:44:22 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <wb0wao@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114617] Re: Speaking of TT2's
Message-ID: <002101c1831b\$7d4b3140\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

LPF data can be found off a link on the GQRP website, www.gqrp.com the
link is:

http://www.g4wif.fsnet.co.uk/q_tech2.htm

Happy Holidays
73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 7:33 AM
Subject: Speaking of TT2's

> Hey group!
> Does anyone have or know where I could get the info on putting a
TT2
> on another band? Specifically the LPF and anything else that
"changes"
> in the circuit?
>
> 72
>
> Dennis - WB0WAO
>
>

Date: Wed, 12 Dec 2001 07:49:48 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <cjl@mitre.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114618] Re: NEQRP Noise Bridge Kit
Message-ID: <003101c1831c\$3f7c2cb0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck,

----- Original Message -----

From: "Chuck Ludinsky" <cjl@mitre.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 7:16 AM
Subject: NEQRP Noise Bridge Kit

...
> The noise bridge kit, designed by Dave, is being offered for \$15.00
...

What is the vertical dimension of the board with parts installed. Will it fit in a Altoids case for example?

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Wed, 12 Dec 2001 07:56:03 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114619] Re: NEQRP Noise Bridge Kit
Message-ID: <005001c1831d\$1f6b71f0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 7:49 AM
Subject: Re: NEQRP Noise Bridge Kit

> What is the vertical dimension of the board with parts installed.
Will

^^^^^^

Let's make that "dimension", (dang spell checkers).

R.

Date: Wed, 12 Dec 2001 09:51:34 -0800

From: "Dave Benson" <nn1g@earthlink.net>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [114620] Re: NEQRP Noise Bridge Kit
Message-ID: <002601c18335\$a48576c0\$e5edd73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod-

The tallest component on the board is an FT50 core, so it may be a tight fit. Options would include leaning that component over or going to a smaller (T37) core and the specialty multifilar wire.

We'll try to get a closeup color image up as soon as possible- I discovered yesterday that my digital camera's autofocus has failed, so will have to make other arrangements for an image.

73- Dave, K1SWL
"non Altoids-compliant since 1994"

>>-----Original Message-----
From: Rod N0RC <rod@n0rc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, December 12, 2001 6:50 AM
Subject: Re: NEQRP Noise Bridge Kit

.....

What is the vertical dimention of the board with parts installed. Will it fit in a Altoids case for example?
<<

Date: Wed, 12 Dec 2001 10:22:41 -0500
From: Nils R Young <nilsbull@juno.com>
To: tbowman@nbn.net, QRP-L@lehigh.edu
Subject: [114621] Wrong URL on the 40m transceiver posting
Message-ID: <20011212.102250.1244.2.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I gotta get my proofreader some new glasses. The URL that I gave for the 40m transceiver with the FM radio IC in it was wrong.

Try this 'n: <http://www.qsl.net/7n3wvm/xcvr-40.html>

73

Nils

. . . RFParts has the chips for the W7BBX design . . . and I misread the price of the transistors to fix my CCI/homebrew amp . . . I may still get a lump of coal for Christmas, however . . . I ordered more stuff! Ayeeeeee! . . . Intervention, Please!

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 12 Dec 2001 15:25:48 -0000

From: "G3MFJ" <g3mfj@btinternet.com>

To: <rod@n0rc.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [114622] Re: Marconi Centenary site

Message-ID: <005c01c18321\$480f3480\$02010080@graham>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi

There is an attempt today to re-create the transmission from Cornwall in the far South West of the UK. It will be on around 1700kc/s +/- 100kc/s! and started early this morning (UK time). The main attempt will be at 1600Z today - i.e. in 35 minutes.

Have a look at:

<http://www.soton.ac.uk/~thunder/atlantic-leap/>.

The schedule page gives the actual times

Hope you hear it!

72/3

Graham
G3MFJ

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 2:39 PM
Subject: Marconi Centenary site

> Folks,
>
> 100 years ago today Marconi succeeded in his transatlantic radio
> contact attempt. The rest they say is history. The Marconi PLC has
> establish a nice web site to document Marconi's accomplishments.
>
> Enjoy.
>
> <http://www.marconi.com/html/about/19012001centenary.htm#EOM>
>
>
> ***Happy Holidays***
> 73, Rod N0RC
> Ft Collins, CO
>
>

Date: Wed, 12 Dec 2001 08:29:40 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <nilsbull@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114623] Re: Wrong URL on the 40m transceiver posting
Message-ID: <000b01c18321\$d16b3cb0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

BBBBBZZZZZTTTTTTTTTTTTT! ;-)

How about: <http://www.qsl.net/7n3wvm/xcvr-40m.html>

^

Happy Holidays

73, Rod NØRC

Ft Collins, CO

----- Original Message -----

From: "Nils R Young" <nilsbull@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 12, 2001 8:22 AM

Subject: Wrong URL on the 40m transceiver posting

> Gang,

>

> I gotta get my proofreader some new glasses. The URL that I gave for the

> 40m transceiver with the FM radio IC in it was wrong.

>

> Try this 'n: <http://www.qsl.net/7n3wvm/xcvr-40m.html>

Date: Wed, 12 Dec 2001 10:35:57 -0500

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-1@lehigh.edu

Subject: [114624] Re: Wrong URL on the 40m transceiver posting

Message-ID: <5.1.0.14.1.20011212102941.00a70090@ipostoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:22 AM 12/12/2001 -0500, you wrote:

>I gotta get my proofreader some new glasses. The URL that I gave for the

>40m transceiver with the FM radio IC in it was wrong.

>

>Try this 'n: <http://www.qsl.net/7n3wvm/xcvr-40m.html>

Nils,

There was an article on an 80M receiver using a Motorola MC3335 FM radio IC in the Oct. 94 issue of 73 Mag a few years ago. It's called the Traveler, and Dan's Small Parts has kits for it. I have one. The VFO could use some stability (it uses the on-chip osc, a varactor + pot for tuning, and (I think) a 10.7 MHz IF can for the VFO coil) but it's an honest-to-gosh SSB receiver with a crystal filter.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 12 Dec 2001 10:35:28 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: W2AGN <w2agn@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [114625] Re: 3C24 Glowbug rig
Message-ID: <3C177940.96E057DF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Oh gosh, my faulty memory. Some nigh rig used them back then. At any rate, thanks for correcting me and I still would not use a 100 watt tube with a \$25.00 socket for a QRP radio!

73
>
> The Viking I used a 4D32 not a 3C24.
>

Date: Wed, 12 Dec 2001 08:47:35 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114626] Re: Anzac MLLF-3 Mixer & MWA-0304 MMIC
Message-ID: <Pine.BSI.3.96.1011212084619.2209A-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed,

I have an old ANZAC catalogue at home, so I can help you with those.

As far as the MWA parts are concerned, they were originally made by Motorola, so you'll need one of their older data books to find that one.

Chris

On Tue, 11 Dec 2001, Ed Tanton wrote:

```
> I just got a couple of these at the e-place pretty right, price-wise.
> Freq range is 20kHz - 65 MHz. Great VLF possibilities, for one thing.
> They are just like the usual Mini-Circuits Labs/et al plug-in mixers,
> but I can't find ANZAC on the www. Anybody got a lead on these?
>
> And while were looking, I also got a BUNCH of MWA-0304 MMICs and can't
> find them either.
>
> Any help?????
>
> 73 Ed Tanton N4XY <n4xy@arrl.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: http://www.n4xy.com
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
>
```

```

/-----\
/  What's all this  \
/ extinct stuff, anyhow? /
\-----\
_ | /
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```

High Performance Mixers and
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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

c__; c__; '-..'>.__

Graphics by Loek Frederiks

Date: Wed, 12 Dec 2001 08:50:33 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Benson <nn1g@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114627] Re: NEQRP Noise Bridge Kit
Message-ID: <Pine.LNX.4.33.0112120847550.2426-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think the board will fit even with the FT50 core. As I recall the original didn't have a coil....but maybe I'm forgetting.

Be sure a 9 volt battery fits with it and be sure to put a switch in the power. The noise bridge draws a lot of power.

On Wed, 12 Dec 2001, Dave Benson wrote:

> Rod-
>
> The tallest component on the board is an FT50 core, so it may be a tight
> fit. Options would include leaning that component over or going to a smaller
> (T37) core and the specialty multifilar wire.
>
> We'll try to get a closeup color image up as soon as possible- I discovered
> yesterday that my digital camera's autofocus has failed, so will have to
> make other arrangements for an image.
>
> 73- Dave, K1SWL
> "non Altoids-compliant since 1994"
>
> >>-----Original Message-----
> From: Rod N0RC <rod@n0rc.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Date: Wednesday, December 12, 2001 6:50 AM
> Subject: Re: NEQRP Noise Bridge Kit
>
>

>
>
> What is the vertical dimension of the board with parts installed. Will
> it fit in a Altoids case for example?
> <<
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 12 Dec 2001 10:44:12 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: wb0wao@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114628] Re: Speaking of TT2's
Message-ID: <3C177B4B.CE532E0F@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis,

You can look in almost any recent handbook for Low Pass Filter constants that you can use. Pick something with three sections so it will be compliant with the law. The TT2 is essentially an unturned transmitter. The only real tuning in the rig is at the crystal; from that point on it is unturned. The output LPF sets the highest frequency that it will pass. If you want 80 meters use an 80 meter LPF. Be sure you use a fundamental crystal!

73

Date: Wed, 12 Dec 2001 08:50:04 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"Elecraft-list" <elecraft@qth.net>, <ncarc@qth.net>,
Subject: [114629] Marconi events

Message-ID: <002f01c18324\$ab365310\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who didn't/don't see ARRL newsletters:

Extracted from:

The ARRL Letter
Vol. 20, No. 48
December 7, 2001

...

* Historic coast radio station to celebrate Marconi event: Stations KPH and K6KPH will be on the air December 12, 2001, to help celebrate the 100th anniversary of the first wireless signal to cross the Atlantic, received by Guglielmo Marconi on December 12, 1901, at Saint John's, Newfoundland. Both stations will use the original transmitters, receivers and antennas of KPH, a former RCA coast station. K6KPH, the Maritime Radio Historical Society club station, will be active on amateur frequencies 3545, 7050 and 14,050 kHz. K6KPH will begin operation at 1700 UTC. KPH will be active on commercial frequencies 500 and 426 kHz. KPH will begin operations at 0000 (December 13) UTC. "Commercial practices and procedures will be used on all frequencies to give amateurs the experience of working a real coast station," said K6KPH Chief Operator Dick Dillman, W6AWO. Reception reports or QSLs go to Dick Dillman, W6AWO, 435 Utah St No. 4, San Francisco, CA 94110. KPH reception reports go to Tom Horsfall, WA6OPE, 1862 Tulare Ave, Richmond, CA 94805. More information is available on the Maritime Radio Historical Society Web site <<http://www.radiomarine.org>>.

* Newfoundland special event to mark centenary of transatlantic

reception:

The Society of Newfoundland Radio Amateurs will operate special event station V01S during the month of December. The special event will mark the

100th anniversary of the reception of the first transatlantic radio signal--the Morse code letter "s"--received by Marconi at Signal Hill in

Newfoundland on December 12, 1901. Marconi used a kite-supported antenna to

hear the signal, which was transmitted from his station in Poldhu, Cornwall,

England. QSL V01S via the bureau or direct (before March 1, 2002), to SONRA,

PO Box 23099, St John's, NF A1B 479, Canada.

* Special event station W1AA/CC to commemorate Marconi's transatlantic feat:

The Marconi Radio Club and The Falmouth Amateur Radio Association will celebrate the 100th anniversary of Marconi's December 12, 1901,

one-way

transatlantic radio transmission with a special event

station--W1AA/CC--from

December 11-16. Operation will be on 80 through 6 meters, SSB and CW.

The

public is invited December 12, from 9 AM to 5 PM Eastern Time,

when--weather

permitting--W1AA will fly a kite antenna and attempt to communicate from

Coast Guard Beach, Eastham, Cape Cod, Massachusetts, to clubs at the historic Marconi stations in Poldhu, England and Saint John's, Newfoundland.

Marconi used a kite antenna at his 1901 receiving site in

Newfoundland. W1AA

will transmit on 14.052 MHz. Amateurs at these locations also will attempt

to fly kite antennas. QSL via the bureau or to W1AA, Box 1193, Lakeville, MA

02347 and include an SASE. For more information on this and other commemorative events, contact Marconi Radio Club President Whitey Doherty,

K1VV, k1vv@tmlp.com, or visit the W1AA Web site

<<http://personal.tmlp.com/k1vv/w1aa/>> or The Falmouth Amateur Radio Association Web site

<<http://www.falara.org/OpEvents/Marconi/fara-marconi.html>>.

...

Happy Holidays

73, Rod NØRC
Ft Collins, CO

Date: Wed, 12 Dec 2001 08:14:50 -0800
From: Steve Smith <sigcom@juno.com>
To: qrp-1@lehigh.edu
Subject: [114630] QPR Tubes Rock (around the clock)!
Message-ID: <20011212.081452.2448.1.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

(attempt #5)

Hey guys and gals,

"And now for something completely different."

Let's dust off those ol' Toob QRP rigs for the Straight Key Night/Rock
Around The Clock events coming up on Jan. 01!
Details for SKN & Rock Around The Clock can be found at the following
URLs:

SKN: <http://www.remote.arrl.org/contests/announcements/skn.html>

RATC: <http://www.wfu.edu/~hoglund/Roc.htm>

Don't have a Glowbug QRP rig? Well, now's the time to build one! There
are a jillion tube types out there (OK, maybe a few hundred) that will do
the trick and the circuit diagrams for building them are all over the
'net. If you've never built something using vacuum tube technology, give
it a try. You're in for a treat. The availability of inexpensive crystals
from NorCal (now including 14.060!) and other sources makes this is
perfect opportunity to get your feet wet.

So, who's gonna join me?

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"Snort Rosin

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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Wed, 12 Dec 2001 09:18:45 -0700
From: Doug <doug@ycsi.net>
To: qrp-1@Lehigh.EDU, w2wurjj@verizon.net
Subject: [114631] Spark Rigs...words from an OT
Message-ID: <3C178364.49E3BF97@ycsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Realize this is a touch off topic, but thought it would bring smiles to some of our bunch. I got this message from Ron, W2WU along with a request to post in for him. I've sent it pretty much verbatim. Hope you enjoy!

Ron, W2WU offers:

(Quote)

"Darn it! Fcc had to ban all that fun! Lets petition Hiram Percy Maxim himself or ARRL as proxy and get a net/reflector going to discuss and build (better yet demonstrate the art of Spark to neophytes) using dummy loads. Qrp is great fun, but 'LET'S SMELL THE ETHER'."

(Unquote)

(Wonder if Ron means Ozone?)

Anyone interested? Perhaps there's a few of us out there who have used Spark or witnessed it's beauty in the past. I'm sure Ron will be an active participant.

72/73 and best of the Season to all

Doug, K7YD
Livingston, MT

Date: Wed, 12 Dec 2001 10:28:38 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: wb0wao@hotmail.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114632] Re: Speaking of TT2's
Message-ID: <3.0.2.32.20011212102838.00846560@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The QRP books by W1FB have lots of info on filters and such that will work nicely with the TT2 and similar circuits. ARRL publishes these books.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Wed, 12 Dec 2001 17:50:11 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: GQRP <qgrp@yahoo.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [114633] Ferrit rod antennas
Message-ID: <3C178AC2.77491314@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers!

Does somebody already experimented with ferrit rods in transmitter antennas? I look for informations about this, so that I do not have to begin my planned experiments from zero. All sugestions are welcome!

--
72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Wed, 12 Dec 2001 10:50:37 -0600
From: Mike <mmorrow@companet.net>
To: Bill Coleman <aa4lr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114634] Re: Vintage QRP
Message-ID: <3C178ADD.7AA0@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

> I remember trying to find one in my Novice days to build a 5763/6146
> MOPA-type CW transmitter.
>
> While 6146's were readily available, I struggled to find a price quote
> for the 5763. Eventually, I found one quote for well over \$100.

Bill,

Every 5763 I've ever seen has been unused military surplus. The AN/ARC-44 VHF-FM radios of that era used several, to name one set. I don't know what the normal commercial price would have been 35 years ago, though I'm sure it wasn't anywhere near \$100 a copy (about \$500 in today's dollars).

I had a good supply of 5763s in the late 60s, I've purchased a few NIB from hamfest tube dealers in the last couple of years (\$3 each, IIRC), and on a boatanchor list a couple of months ago someone had come across hundreds of them NIB and was selling them at even much lower prices than that (\$1, IIRC). It's a great low-power tube, especially for one-tube ECO-PA designs.

73,
Mike / KK5F

Date: Wed, 12 Dec 2001 12:31:51 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <dk3red@t-online.de>
Cc: <qrp-l@Lehigh.EDU>
Subject: [114635] Re: Ferrit rod antennas
Message-ID: <000f01c18332\$e323c420\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Ingo

Yes, I have experimented with Ferrite Rod Antennae for Xmit.
I'm at work right now but I'll get some more info to you later.
I'll also post it to the QRP_L group - just in case.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "Ingo, DK3RED" <dk3red@t-online.de>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 11:50 AM
Subject: Ferrit rod antennas

Hello QRPers!

Does somebody already experimented with ferrit rods in transmitter antennas? I look for informations about this, so that I do not have to begin my planned experiments from zero. All sugestions are welcome!

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Wed, 12 Dec 2001 12:28:53 EST
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [114636] QRP Tube Availability - 5763
Message-ID: <185.a03d51.2948edd5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Fellow members of QRO Anonymous, :-)

Just checked their web site, and Radio Electric Supply in Florida

<http://www.vacuumtubes.net/page/indexc.html>

lists the 5763 tube as available at \$ 9.00 each. I have used the 5763 in the past as frequency multipliers or drivers in home brew QRO glow bug transmitters circa 1960. They are hardy little miniature glass tubes, and were a staple in many xmtr designs of that era.

Don, K5KW

Date: Wed, 12 Dec 2001 10:54:57 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>

To: qrp-1@lehigh.edu
Cc: n4xy@att.net
Subject: [114637] ANZAC MLLF-3 * MWA-0304 info
Message-ID: <Pine.SUN.4.10.10112121035430.23311-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed and others,
ANZAC is no longer, now a part of Ma/Com I believe. But this series of mixer is long obsolete. None-the-less, I did find it in an old circa 1980 Anzac data book (we used Anzac coaxial mixers in some of the VLA electronics). BTW, it was a \$39 mixer in 1980!

RF-LO .02-65 MHz
IF DC-65 MHz
6.5dB conversion loss
Pin 400mW (max)
and 40-45dB port-to-port isolation (a heck of lot better than a 602!)

The data book has the case drawings in 3 different places, but not one of them clearly identifies the pins. Looking at the bottom, I would try the pin with the colored bead as the RF port, and the pin adjacent to it should be the case ground (easy to check with DVM). The bottom two pins will be the IF and LO ports, but not identified on the drawing. Everyother mixer is clearly identified for the R,L,X(IF) ports in the data book :-(

The MWA-0304 is a Motorola MMIC amplifier and should be found on their website:

It is for dc-3GHz, 11.5dB gain, 1dB compression= +12dBm and should be biased for 25-35mA. It is similar in operation and hookup to the Mini-Circuits MAR-1 amplifier. Looking down on it as if it were an 8-pin dip, pin 1 would be the wider pin - top left (output), lower left pin 2 (gnd), lower right pin (input) and top right (gnd).

Capacitively couple the input and output. The output pin must be biased by a resistor to your Vcc, calculated by:
$$R=(V_{cc}-5V)/I_b$$

For Vcc=12V and bias current (Ib) 35mA, R=200 ohms.
This should be a nice amplifier to play with for HF to UHF. The 11.5dB gain is spec'd at 1GHz, gain drops with bias current, but increases at lower frequency. You could probably bias it for 20-25mA and still get 10-12dB gain out of it.

72, Paul NA5N

Date: Wed, 12 Dec 2001 10:13:26 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-1@lehigh.edu>, <dk3red@t-online.de>
Subject: [114638] RE: Ferrit rod antennas
Message-ID: <NFBBKLDHALEHCJMAJPKFMENLCGAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ingo -

The late Doug DeMaw published a book called "Ferromagnetic Core Design and Application Handbook" Published by MFJ.

It has the best description in English and mathematically annotated that I have ever seen on the use of ferrite rods and bars.

It's about \$20 most places. Of course, you can get it from me :)

Tracy Markham N4LGH
CWS ByteMark
(Hey, we merged with a division of Amidon)
800 679-3184

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Ingo, DK3RED
Sent: Wednesday, December 12, 2001 11:50 AM
To: Low Power Amateur Radio Discussion
Subject: Ferrit rod antennas

Hello QRPers!

Does somebody already experimented with ferrit rods in transmitter antennas? I look for informations about this, so that I do not have to begin my planned experiments from zero. All sugestions are welcome!

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Wed, 12 Dec 2001 18:25:28 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: dk3red@t-online.de, qrp-1@Lehigh.EDU
Subject: [114639] Re: Ferrit rod antennas
Message-ID: <F153DGzxTs53iVdGJ500000136f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Hello QRPers!

>

>Does somebody already experimented with ferrit rods in transmitter
>antennas? I look for informations about this, so that I do not have to
>begin my planned experiments from zero. All sugestions are welcome!

Quite a lot of articles on this have appeared in Practical Wireless (UK)
over the years, written mostly by Richard Marris, G2BZQ.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Wed, 12 Dec 2001 10:43:08 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [114640] NE Noise Bridge Kit
Message-ID: <003c01c1833c\$daa04ee0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I just went to the NE Club website
<http://www.qsl.net/wq1rp/noisebrg.htm>
and looked at the manual for the Noise Bridge Kit that the club is now

doing. Wow! Get the checkbook out right now and send Seab a check for \$15! Buy yourself a Christmas present. When it comes wrap it up and put your name on it, but don't put who it is from. Then, try and give everyone credit for it. You will have them talking about it for years, plus you will get a great addition to the shack.

Guys, support these club kits. They fill a big need, and are certainly a huge part in the success of Qrp and the revived interest in QRP. The clubs use the funds to promote QRP, and it is great to see so many clubs doing QRP Kits. Do you realize that the following clubs have done kits in the last year? Arizona ScQRPions, Ft. Smith QRP Group, New England QRP Club, New Jersey QRP Club, Knite Lites, NoGa QRP, Flying Pigs and NorCal does it. That is an impressive list. These are also among the most active QRP Clubs. They have lots of activities that the rest of use. But they need your support to continue. Take advantage of the great prices on the club kits. Most of them use them for fund raisers, but the cost of the kit is rock bottom, because they buy parts in huge quantities. The kits are almost always much cheaper than you can do one of a kind, especially if it has a board.

I see kits as a very, very important part of QRP Clubs activities. It does a lot of things, gets people in the club involved in building, gets new people into the hobby, and sure fills a need. Kits are a lot of work for those involved but it is worth it in the long run.

I am sending Seab a check today for a Noise Bridge Kit, I suggest that you do the same.

72, Doug

Date: Wed, 12 Dec 2001 13:50:42 EST
From: W6cjpg@aol.com
To: qrp-l@lehigh.edu
Subject: [114641] Vintage QRP
Message-ID: <f3.130c33a5.29490102@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In regard to the 5763 Vacuum tubes., Antique Electronic Supply lists 5763 tubes at \$6.00 in the latest flyer. URL is: www.tubesandmore.com
I would guess a search would turn them up at even lower cost.

Good luck,
Dick W6CJG

Date: Wed, 12 Dec 2001 14:11:09 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [114642] Re: QPR Tubes Rock (around the clock)!
Message-ID: <5.1.0.14.1.20011212133728.00a62300@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:14 AM 12/12/2001 -0800, you wrote:

>Don't have a Glowbug QRP rig? Well, now's the time to build one!

Will a Tuna-Tin 2 with an LED in a pickle jar count? (grin) (Oh, man - tuna and pickles? I'm getting hungry now. Where's the mayo?)

>There

>are a jillion tube types out there (OK, maybe a few hundred) that will do
>the trick and the circuit diagrams for building them are all over the
>'net. If you've never built something using vacuum tube technology, give
>it a try. You're in for a treat.

You're acorrect. The only receiver that I ever built that actually WORKED (other than kits) was a little regen using a 6SN7 dual triode. I built it for my brother for Christmas. (He was into SWL.)

If you can find some old TVs along the street on trash day, they can provide a good source of power transformers and high-voltage electrolytics for your power supply. (Not to mention tubes!) For QRP power levels they'll be sturdy enough. Unfortunately, high-power transformers tend to be expensive because the electric guitar freaks snap them up, regardless of price.

> The availability of inexpensive crystals
>from NorCal (now including 14.060!) and other sources makes this is
>perfect opportunity to get your feet wet.

I don't recommend using a high-voltage instrument if your feet are wet, but other than that I'll go along with this.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 12 Dec 2001 12:27:30 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Message-ID: <3.0.6.32.20011212122730.00799100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bruce said,

><snip> and I still would not use a 100 watt tube
>with a \$25.00 socket for a QRP radio!
>
Why not?

Sure, it's serious overkill, but...

Rex is selling the tube, plus socket, at a little below FMV, and even if you just put it on a walnut base and use it as a nick-nack, is worth the money, as it is a pretty neat looking tube. Great conversational piece to put on your office desk :-) Using it as part of a QRP rig is cooler still, and a much easier task than building a QRO amp with it. So, again, why not?

Boy, I was bummed when I found the grid connection coming off the side of a 150TH I had broke off durring a move. Now, that tube made a great nick-nack! I've got a box of tubes, I call my "wierd tube" collection. Got a few acorns, light house, a kylston, even a couple gold plated WE 417B's. Someday, I've got to make a display for them and hang it on the wall!

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 12 Dec 2001 14:06:09 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
Cc: qrp-l@lehigh.edu
Subject: [114644] Re: Dream Catcher antenna (= modified G2BZQ) (long)
Message-ID: <3.0.6.32.20011212140609.00795d30@mailhost.ncia.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>>>>> > I saw it in *73* issue of Sept, 1993 and was written
> by Dick Marris, G2BZQ <<<<<<<
>

Thanks Bam, I knew someone out there would know what I was talking about
and have the reference handy! Thanks!

I got some more PVC tubing last night and rebuilt the antenna with 2 foot
arms and spaced the wire 1" This gives it greater surface area, which I
think will help, in any event, can't hurt! Also have a remote tuned
capacitor built. Just need to get a plastic box to put it in to shield it
from the Wx. Then I can set it up outside and see if I can talk to anyone
more than a few miles away<g>

A few people asked for more details on how I built this thing, I'll do up a
drawing and post it on my web page soon, probably over the weekend.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 12 Dec 2001 12:58:42 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [114645] Re: QRP Tube Availability - 5763
Message-ID: <20011212.125845.-221317.9.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

And on the infamous auction site a couple of weeks ago
someone had some in lots of 100 for a buck a piece.
I think some on the glowbug list picked those up.
And Antique Electronic Supply of Tempe lists them in
their latest flyer at 6.00 each.

73
Ray

Plan ahead. It wasn't raining when Noah built the ark.
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2r SOC#78- El Paso (Far West), Texas

Date: Wed, 12 Dec 2001 15:21:30 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114646] Re: TT2 to TT2 FUN
Message-ID: <5.0.2.1.0.20011212151050.00adad40@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:55 AM 12/12/2001 -0700, Steve/n0tu wrote:

>Congrates Pete! I relived my first TT2 QSO last night. Couldn't sleep so
>got up to check the bands -2AM MST. 40m was very quiet except for a strong
>signal on 7038 calling CQ. Turned out to be Paul - WN7T who was running a
>TT2 @ 300mW from Bellingham, WA. I snagged him w/my TT2 and we had a TT2-way
>rag chew!!! Could not believe the cndx. No QRM ...not one other signal
>...nothing just our mighty milliwatts! Paul is State #17 and QSO#32 wTT2.
>The more I play with this lil' rig the more I can hear ol' Doug DeMaw saying
>"less is MORE" ~ Steve/n0tu ~

Steve

I intend to put it on the air again this evening so will be looking for you
and any other OPs
at 7040.

Thanks to Jay and all the other great hams who contributed to this rig!!!

73 Pete NV4V

Date: Wed, 12 Dec 2001 12:58:09 -0800
From: Steve Smith <sigcom@juno.com>
To: WD8CIV@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [114647] Re: QPR Tubes Rock (around the clock)!
Message-ID: <20011212.125809.-293419.2.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave & Group,

On Wed, 12 Dec 2001 14:11:09 -0500 David Hinerman

<WD8CIV@worldnet.att.net> writes:

> At 08:14 AM 12/12/2001 -0800, you wrote:

> You're acoorrect. The only receiver that I ever built that actually
WORKED (other than kits) was a little regen using a 6SN7 > dual triode. I

built it for my brother for Christmas. (He was into SWL.)

Well, what a nice brother you are. The 6SN7 also is a good tube for use in a Jones push-pull rig at QRP power levels and those tubes are still out there, among other dual-triodes. I've not built a TX using the Jones circuit so I'm not sure of the crystal drive requirements. At 5 Watts output, it may well require heftier crystals than the HC-49 size. Anyone had experience in this area?

> If you can find some old TVs along the street on trash day, they can provide a good source of power transformers and high-voltage electrolytics

Unfortunately, it's been many moons since I've seen a T.V. with a "real" power transformer. Most of them available as scrap use some kind of switching supply. The simplest method to obtain the plate supply would be to use a transformer-less, line-powered supply but that's potentially (no pun intended) flirting with big danger so I won't personally recommend it. If I didn't have a HV power transformer available, I would probably go with back-to-back filament transformers following the "secondary" transformer with a voltage doubler. That'll get about a couple hundred Volts which should be adequate for up to 5 Watts output with the proper tube. I get 4 Watts with about 180 Volts on the plate of my 6L6 rig. Another method is the DC-DC inverter ala the K6BSU "Two-ber" as published in QRPp. As far as electrolytics go, in the voltage ratings that would be required for QRP power levels using tubes, the prices for new ones are quite reasonable. That and old, dead PC power supplies usually contain a couple which can be used in series to get up there.

> >perfect opportunity to get your feet wet. I don't recommend using a high-voltage instrument if your feet are
> wet, but other than that I'll go along with this.

Well, yes.....ahem.

Anyway, I'm curious if anyone has played with tube-type crystal oscillators using HC-49 size crystals and had success keeping the crystals alive. K6BSU was apparently successful with his rig using a 6AU6 ECO circuit followed by a 6AU6 PA but I'm looking to get enough drive to push the final to 5 Watts with around 200 Volts on the plate and his circuit runs a few hundred mW output.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"Snort Rosin"

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 12 Dec 2001 17:19:47 -0500

From: "Brice D. Hornback" <bdh@cyberbound.net>

To: <qrp-1@Lehigh.EDU>

Subject: [114648] Re: Vintage QRP

Message-ID: <0a8701c1835b\$1ccc53e0\$7001a8c0@lwrnc1.in.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok, time for me to tell about my favorite little QRP transmitter/receiver. It's called the Weskit BN-1 and it based on a SINGLE 3A5 dual triode tube. Yes... ONE tiny little 7-pin tube (one side operates as the transmitter and the other side is the receiver) and operates on either 40 or 80 meters.

There is a schematic and detailed information online here:

<http://www.sky.net/~swheaton/bn1.html>

I really like the 3A5 tube. It won't put out a lot of power... about 1 to 1.5 watts... but in my opinion... it's the perfect little triode for QRP experimenting. They are commonly available and relatively cheap. I bought a case of them a while back and have built a stereo audio amplifier with a pair of them. It's not real loud but it's the cleanest sounding pure Class-A single-ended directly heated 1/2 watt per channel triode audio amp you've ever heard! hi

I guess it's time for me to build my version of the Weskit BN-1 and have some Vintage *glowing* QRP fun! Best thing about the 3A5 is it doesn't require thousands of volts. It'll work on as little as B+ as 45 volts but is most happy at 90 volts. I've ran it as high as 130 volts but it's best at 90 volts. If you're going to run it from an AC power source... it's VERY easy to find transformers. Look on eBay and pick up an old nasty looking tube tester (uglier the better as you wouldn't want to tear up a nice one!). LOTS of great parts inside including a multi-tapped transformer with just about any voltage you might need for a QRP tube project. They also have a nice meter and a bunch of sockets too!

If anyone wants to build one of these but can't find the tube or sockets... let me know. This is probably the simplest tube rig you'll ever find. If

anyone knows of a simpler single tube transceiver... I'd love to know about it.

73/72/71! de Brice KA8MAV

Date: Wed, 12 Dec 2001 20:27:31 +0700
From: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
To: <w6toy@erols.com>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [114649] Re: 3C24 Glowbug rig
Message-ID: <000001c1835e\$b7b76ae0\$ac429bca@kutuimut>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hi folks,

can't you find there the cheaper russian made replacement tubes ? the new brand is svetlana, but what i mean is "vintage" russian from the '60s to '70s era. i know gu50 was more less like 807 or 6146, but they also have "exact" replacement of 6L6 (call it 6P3S in cyrillic), 6N7 (double triode), 12au7 etc. those tubes are/were very rugged, and except the gu50 which has special socket (a sturdy one), most of them using the same "western" made sockets, so you will have no incompatibility problem

in that era my rig was half 6N7 as colpitt 80M vfo, the other half as 40M doubler to drive 6p3s final with 900 v plate voltage and some 100 v screen grid etc etc audio side was clamp modulation with 6aq5 (equivalent of 6v6)

wow, the good ole glowing (!) days, i might say

bam yb0ko/1
bogor 16136, loc 0I 33 oi
6 38 04 S, 106 48 16 E
ts120v @ 8W/scout 555 s/n 02A10434 @ 20W
n4pc skywire @ 11 mtr

----- Original Message -----
From: Bruce Muscolino <w6toy@erols.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 12, 2001 6:55 PM
Subject: Re: 3C24 Glowbug rig

> Rex,
>Personally I would not be likely to consider the tube for
> QRP us or even for new transmitter use. The socket would cost as much
> as the whole QRP rig (less power supply)! It would be like building a 5
> watt rig using a 6146! To begin with you could use a 2E26, and there
> are lots of other tubes that are cheaper and just as effective
.....

Date: Wed, 12 Dec 2001 15:48:52 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<ncarc@qth.net>, "cqc-1" <CQCLIST@yahoogroups.com>,
Subject: [114650] K6KPH Happy Dance
Message-ID: <001c01c1835f\$2ca86610\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Worked both the 7050 & 14050 station at QRP level!

(Worked 'em both earlier at QRO just to be sure ;-)

K6KPH details @ <http://www.radiomarine.org/imd.html>

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Wed, 12 Dec 2001 23:48:01
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [114651] Re: QRP Tube Availability - 5763
Message-ID: <F265AYNokU0QoH9BoST00001c53@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

And on the even more infamous Glowbugs list, not so long ago, details were provided about a source for these tubes at only \$0.25 ea.!

Brad

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

End of QRP-L Digest 2403

